

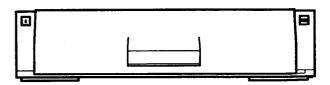
GoldStar

B WHS DOUBLE DECK

VIDEO CASSETTE RECORDER SERVICE MANUAL

CAUTION

BEFORE SERVICING THE CHASSIS, READ THE"SAFETY PRECAUTIONS" IN THIS MANUAL



MODEL: R-DD15PQ



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SECTION1 SUMMARY

KEY TO ABBREVIATIONS

| AC ACC | : Alternating Current : Automatic Color Control | L | L LD | : Low, Left, Coil : LED |
|--------------|--|-------------|---------------|--|
| ADJ | : Automatic Color Control : Adjust | | LECHA | : LEU : Letter Character |
| A/E | : Audio Erase | | LECHA | : Long Play |
| AFC | : Automatic Frequency Control | | LPF | Low Pass Filter |
| AFT | : Automatic Fine Tuning | М | MAX | Maximum |
| AGC | : Automatic Gain Control | r∨ 1 | MAX MD | : Modulator |
| ALC | : Automatic Level Control | | MIC | : Microphone |
| AM | : Amplitude Modulation | | MIN | : Minimum |
| AMP | : Amplifier | | MIX | : Mixer, Mixing |
| ANT | : Antenna | | M.M. | : Mono Multi Vibrator |
| APC. | : Automatic Phase Control | | MMV | : Monostable Multivibrator |
| ASS'Y AUD | : Assembly : Audio | | MOD | : Modulation, Modulator |
| AUTO | : Audio : Automatic | | MODEM | : Modulator-Demodulator |
| AUX | : Auxiliary | N | NR | : Noise Reduction |
| | | | osc | : Oscillator |
| B BPF | : Base : Bandpass Filter | 5 | OSD | : On Screen Display |
| BW or B/W | : Bandpass Filter : Black and White | Р | PB | |
| | | r | PCB PCB | : Playback : Printed Circuit Board |
| CAN | : Capacitor, Chroma, Collector | | PG | : Pulse Generator |
| CAN CAP | : Cancel : Capstan | | PLL | : Phase Locked Loop |
| CATV | : Capstan : Cable Television | | P-P | : Peak-to-Peak |
| CBA | : Circuit Board Assembly | | PRE-AMP | : Preamplifier |
| CCD | : Charge Coupled Device | | PS | : Phase Shift |
| CFG | : Capstan Frequency Generator | | PWM | : Pulse Width Modulation |
| CH | : Channel | Q | a | : Transistor |
| CHROMA | : Chrominance | • | ũн | : Quasi Horizontal |
| CLK | : Clock | | QSR | : Quick Setting Record |
| CNR | : Chroma Noise Reduction | | QTR | : Quick Timer Record |
| СОМВ | : Combination | | av | : Quasi Vertical |
| COMP | Comb Filter | R | R | : Resistor, Right |
| COMP | : Comparator | | RE(or RC) | : Remocon, Receiver |
| | Composite Composition | | REC | : Recording |
| CONV | Compensation : Converter | | REF | : Reference |
| CS | : Chip Select | | REG | : Regulated, Regulator |
| CST | : Cassette | | REMOCON | : Remote Control(unit) |
| CTL | : Control | | REV | Reverse |
| CUR | : Current | | REW | : Rewind |
| CYL | : Cylinder | | RF R/P | : Radio Frequency : Record/Playback |
| D | : Drum, Digital, Diode, Drain | | RTC | : Real Time Counter |
| dB | : Decibel | _ | | , |
| DC | : Direct Current | S | S | : Serial |
| DEMOD | : Demodulator | | SH SHARP | : Shift : Sharpness |
| DET | : Detector | | SIF | : Sound Intermediate Frequency |
| DEV | Deviation | | SLD | : Side Locking |
| DHP | : Double High Pass | | S/N | : Signal to Noise Ratio |
| DIGITRON | : Digital Display Tube | | SP | : Standard Play |
| DL . | : Delay Line | | SUB | Subtract, Subcarrier |
| DOC | : Drop Out Compensator | | SW or S/W | : Switch |
| D/V | : Dummy Vertical | | SYNC | : Synchrorization |
| E_ | : Emitter | | SYSCON | : System Control |
| EE | : Electric to Electric | τ | T | : Coil |
| EMP ED | : Emphasis | | TP | : Test Point |
| EP EQ | : Extended Play : Equalizer | | TR | : Transistor |
| ES | : Electrostatically Sensitive | | TRK | : Tracking |
| | | | TRANS | : Transformer |
| F | : Fuse | | TU | : Tuner, Take-Up |
| FB FBC | : Feed Back : Feed Back Clamp | U | UHF | Ultra High Frequency |
| FE FE | : Full Erase | | UNREG | : Unregulated |
| rt FF | : Fast Forward | V | V | : Volt, Vertical |
| FG | : Frequency Generator | | VA | : Always Voltage |
| FL | : Filter | | vço | Voltage Controlled Oscillator |
| FM | : Frequency Modulation | | VGC | : Voltage Gain Control |
| F/R | : Front/Rear | | VHF | : Very High Frequency |
| FS | : Frequency Synthesizer | | VISS | : VHS Index Search |
| FSC | : Subcarrier Frequency | | VR V-Svnc | : Variable Resistor or Volume |
| F/V | : Frequency Voltage | | V-Sync VTG | : Vertical Synchronization : Voltage |
| FWD | : Forward | | W | : Voltage : Voltage to Voltage |
| GEN | : Generator | | vxo | : Voltage to Voltage : Voltage X-tal Oscillator |
| GND | : Ground | - 144 | W | |
| н | : High, Horizontal | w | W WHT | : Watt |
| Hz | : Hertz | | WHI W/O | : White : With Out |
| IC | : Intergrated Circuit | | | |
| IF | : Intergrated Circuit | × | X-TAL | : Crystal |
| INS | : Insert | Y | Y/C | : Luminance/ Chrominance |
| | : Input/Output | | YNR | : Luminance Noise Reduction |
| 1/0 | | | | |

IMPORTANT SAFETY PRECAUTIONS

Prior to shipment from the factory, the products are strictly inspected to conform with the recognized product safety and electrical codes of the countries in which they are to be sold. However, in order to maintain such compliance, it is equally important to implement the following precautions when a set is being serviced.

Precautions during Servicing

- 1. Locations requiring special caution are denoted by labels and inscriptions on the cabinet, chassis and certain parts of the product. When performing service, be sure to read and comply with these and other cautionary notices appearing in the operation and service manuals.
- 2. Parts identified by the \(\frac{\Lambda}{\Lambda}\) symbol and shaded (\(\frac{\Lambda}{\Lambda}\)) parts are critical for safety. Replace only with specified part numbers.

Note: Parts in this category also include those specified to comply with X-ray emission standards for products using cathode ray tubes and those specified for compliance with various regulations regarding spurious radiation emission.

- 3. Use Specified internal wiring. Note especially:
 - 1) Wires covered with PVC tubing
 - 2) Double insulated wires
 - 3) High voltage leads
- Use specified insulating materials for hazardous live parts. Note especially:
 - 1) Insulation Tape
 - 2) PVC tubing
 - 3) Spacers
 - 4) Insulation sheets for transistor
- When replacing AC primary side components (transformers, power cords, noise blocking capacitors, etc.) wrap ends of wires securely about the terminals before soldering.(Fig. 1)
- Observe that wires do not contact heat producing parts (heatsinks, oxide metal film resistors, fusible resistors, etc.)
- Check that replaced wires do not contact sharp edged or pointed parts.
- When a power cord has been replaced, check that 10-15Kg of force in any direction will not loosen it.(Fig. 2)
- 9. Also check areas surrounding repaired locations.

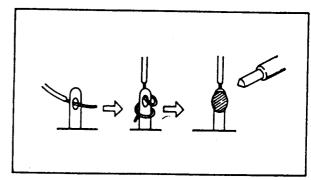


Fig. 1

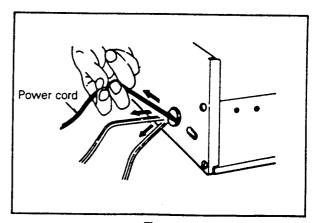


Fig. 2

10. Products using cathode ray tubes (CRTs)

In regard to such products, the cathode ray tubes themselves, the high voltage circuits, and related circuits are specified for compliance with recognized codes pertaining to X-ray emission. Consequently, when servicing these products, replace the cathode ray tubes and other parts with only the parts specified. Under no circumstances attempt to modify these circuits. Unauthorized modification can increase the high voltage value and cause X-ray emission from the cathode ray tube.

SAFETY CHECK AFTER SERVICING

Examine the area surrounding the repaired location for damage or deterioration. Observe that screws, parts and wires have been returned to original positions. Afterwards, perform the following tests and confirm the specified values in order to verify compliance with safety standards.

· Insulation resistance test

Confirm the specified insulation resistance or greater between power cord plug prongs and externally exposed parts of the set (RF terminals, antenna terminals, video and audio input and output terminals, microphone jacks, earphone jacks, etc.). See table below.

Dielectric strength test

Confirm specified dielectric strength or greater between power cord plug prongs and exposed accessible parts

of the set(RF terminals, antenna terminals, video and audio input and output terminals, microphone jacks, earphone jacks, etc.). See table below.

• Clearance distance

When replacing primary circuit components, confirm specified clearance distance (d), (d') between soldered terminals, and between terminals and surrounding metallic parts. See table below.

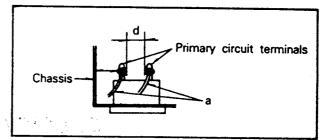


Fig. 3

Table 1:Ratings for selected areas

| AC Line Voltage | Region | Insulation Resistance | Dielectric Strength | Clearance Distance(d),(d) |
|-----------------|-----------|--------------------------|------------------------|------------------------------|
| *110 to 130 V | Europe | 10.14. | | ≧6mm(d) |
| 200 to 240 V | Australia | ≧10 MΩ/500 V DC | 4kV 1 minute | ≧8mm(d) (a Power cord) |

^{*}Class II model only.

Note. This table is unofficial and for reference only. Be sure to confirm the precise values for your particular country and locality.

Leakage Current test

Confirm specified or lower leakage current between B(earth ground, power cord plug prongs) and externally exposed accessible parts (RF terminals, antenna terminals, video and audio input and output terminals, microphone jacks, earphone jacks, etc.)

Measuring Method: (Power ON)

Insert load Z between B(earth ground, power cord plug prongs) and exposed accessible parts. Use an AC voltmeter to measure across both terminals of load Z. See figure and following table.

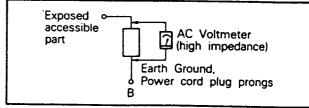


Fig. 4

Table 2:Leakage current ratings for selected areas

| AC Line Voltage | Region | Load Z | Leakage Current(i) | Earth Ground (B) to: |
|-----------------|-----------|--------|----------------------------|-------------------------|
| 100 to 130 V | Europe | •— | i≦0.7m A peak i≤2m A dc | Antenna earth terminals |
| 200 to 240 V | Australia | •— | i≤0.7m A peak i≤2m A dc | Other terminals |

Note. This table is unofficial and for reference only. Be sure to confirm the precise values for your particular country and locality.

INTRODUCTION

This service manual provides a variety of service information. It contains the mechanical structure of the Double Deck Video Cassette Recorder together with mechanical adjustments and the electronic circuits in

schematic form. This Double Deck VCR was manufactured and assembled under our strict quality control standards and meets or exceeds industry specifications and standards.

FEATURES

- the VHS and 8 mm system with HQ-picture technology for extraordinary picture-sharpness and high resolution.
- the digital tracking automatic which makes the enjoying manual control obsolete.
- · automatic power and playback.

General

- four VHS video heads for a clear still image and a variable slow motion.
- three 8 mm video heads for 8 mm playback only.
- · assemble editing from 8 mm tape to VHS tape.
- the easy searching of your recordings by automatic and manual index marking, that can also be erased.
- · the quick mechanism for fast tape function transitions.
- · the long play VHS recording and playback facility.
- · the real time tape counter and the VHS remaining tape

time display.

- 8 timer programme memories, also for daily or weekly recurring recordings, within one year can be programmed at the same time.
- the on-screen display of many functions e.g. the stored timer programmes.
- and many more, like additional audio and video input at the front, Euro-AV sockets, audio dubbing, child lock, immediate recording timer, and title generator.
- SHOWVIEW: Optional Function
 ShowView is a trademark applied for by Gemstar Development Corp.
 ShowView system is manufactured under license from

Gemstar Development Corporations.

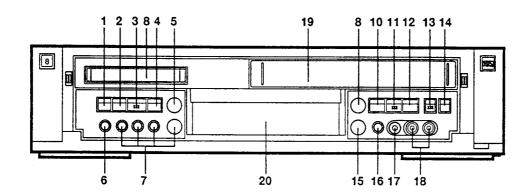
SPECIFICATIONS

Power supply: AC 230V(± 10%), 50Hz Power consumption: Approx. 45W Cabinet size($W \times H \times D$): 430×99×390mm Weight: Approx. 8Kg Operating temperature: 5° C to 35° C surrounding temperature Operating humidity: 35-80% 8 mm Player section Format: 8 mm PAL Standard Heads: 3 video heads Tape speed: (SP) 20.05 mm/sec. (LP) 10.025 mm/sec. Tape width: 8 mm Video output: 1 Vpp 75 ohm unbalanced Audio output: 500 mV, <1 kohm VHS Recorder section Format: VHS PAL Standard Heads: 4 video heads Tape speed: (SP) 23.39 mm/sec. (LP) 11.635 mm/sec. Tape width: 12.7 mm Video: PAL B/G Recording/playback time: 300 min. (LP: 600 min.) with E-300 Aerial input: PAL: VHF 2-12 UHF 21-69 **CATV S1-S40** RF output: UHF channels 32~40 (Variable) Video input: 1 Vpp 75 ohm unbalanced Video output: 1 Vpp 75 ohm unbalanced S/N ratio (video): 45dB nominal Audio input: 500 mV, >50 kohm Audio output: 500 mV, <1 kohm S/N ratio (audio): 45 dB nominal Audio frequency range: 63-12,500 Hz nominal

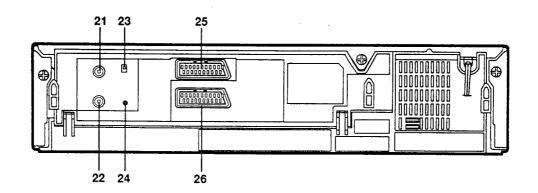
Designs and specifications are subject to change without notice.

LOCATION OF CUSTOMER CONTROLS

FRONT



REAR

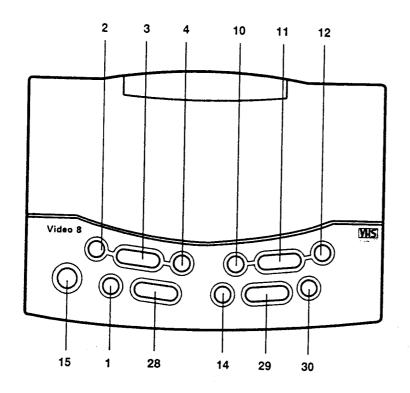


8 mm Player section

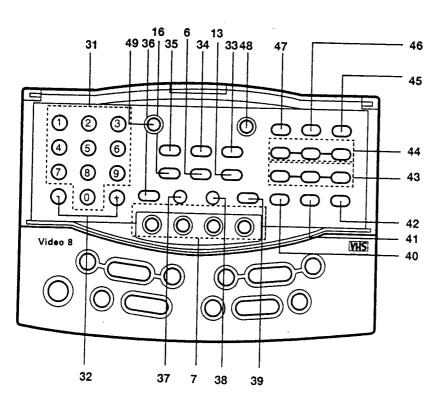
- 1. STILL BUTTON
- 2. REWIND/REVIEW BUTTON
- 3. PLAY BUTTON
- 4. FAST FORWARD/CUE BUTTON
- **VHS** Recorder section
- 9. STOP/EJECT BUTTON
- 10. REWIND/REVIEW BUTTON
- 11. PLAY BUTTON
- 12. FAST FORWARD/CUE BUTTON
- 13. REC/QSR BUTTON
- 14. P/STILL BUTTON
- 15. OPERATE ON/OFF BUTTON
- 16. AUDIO DUBBING BUTTON
- 17. MIC IN JACK

- 5. STOP/EJECT BUTTON
- 6. V.INSERT BUTTON
- 7. ASSEMBLE EDITING BUTTONS
- 8. CASSETTE COMPARTMENT
- 18. AUDIO/VIDEO IN JACKS
- 19. CASSETTE COMPARTMENT
- 20. VCR DISPLAY
- 21. AERIAL INPUT SOCKET
- 22. RF OUT SOCKET
- 23. TPSG ON/OFF SWITCH
- 24. VIDEO CHANNEL CONTROL
- 25. EURO-AV 1 SOCKET
- 26. EURO-AV 2 SOCKET

REMOTE CONTROL



- 1. STILL BUTTON
- 2. REWIND/REVIEW BUTTON
- 3. PLAY BUTTON
- 4. FAST FORWARD/CUE BUTTON
- 6. VIDEO DUBBING BUTTON
- 7. ASSEMBLE EDITING BUTTONS
- 10. REWIND/REVIEW BUTTON
- 11. PLAY BUTTON
- 12. FAST FORWARD/CUE BUTTON
- 13. REC/QSR BUTTON
- 14. P/STILL BUTTON
- 15. OPERATE ON/OFF BUTTON
- 16. AUDIO DUBBING BUTTON
- 28. STOP BUTTON
- 29. STOP BUTTON
- 30. FRAME ADVANCE BUTTON
- 31. NUMBER BUTTONS
- 32. PROG/TRK BUTTONS (+/-)
- 33. TAPE SPEED BUTTON
- 34. TU/AV BUTTON
- 35. MIC MIX BUTTON
- 36. AUTO TRACKING BUTTON
- 37. 8 mm RESET BUTTON
- 38. VHS RESET BUTTON

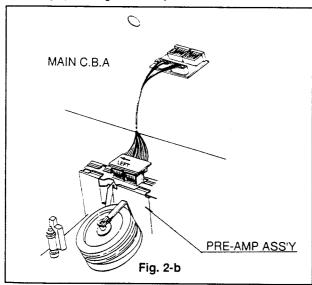


- 39. REST BUTTON
- 40. MENU BUTTON
- 41. DISPLAY/PG. OUT BUTTON
- 42. CLEAR/PG. CLR BUTTON
- 43. SLOW/MFT BUTTONS
- 44. VISS BUTTONS
- 45. CHILD LOCK BUTTON
- 46. TV/VCR BUTTON
- 47. VPS BUTTON: *
- 48. SHOWVIEW BUTTON: *
- 49. MONITOR BUTTON
- * * : Optional Function

SECTION 2 CABINET & MAIN FRAME SERVICE FIXTURE CONNECTING METHOD

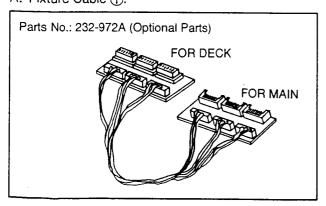
1. SVC FIXTURE Connecting Method

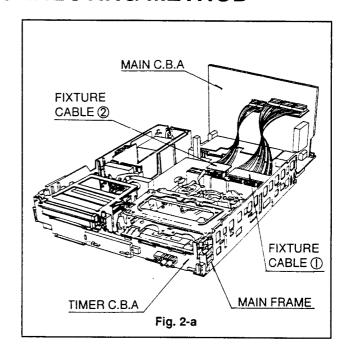
- A. FIXTURE Cable (1) Connecting Method.
- a) Connect the FIXTURE Cable ① between Main C. B.A and Junction C.B.A. (P2J01, P2J02, P2J03)
- b) At this time, should be in the left side " ← LEFT" mark on the P.C.B of the FIXTURE Cable ①. (See Fig. 2-a, 2-c)
- c) Connect the connector of "MAIN" mark of FIXTURE Cable ① with the Main C.B.A and the connector of "JUNCTION" mark with the Junction C.B.A. (See Fig. 2-a, 2-c)
- B. FIXTURE Cable (2) Connecting Method.
- a) Connect the FIXTURE Cable ② between Main C. B.A and Pre-Amp Ass'y. (P3P01=P9301, P3P02=P9302)
- b) At this time, should be in the left side " ← LEFT" mark on the P.C.B of the FIXTURE Cable ②. (See Fig 2-a, 2-b)
- c) Connect the connector of "MAIN" mark of FIXTURE Cable ② with the Main C.B.A and the connector of "JUNCTION" mark with the Pre-Amp Ass'y. (See Fig. 2-a, 2-b)

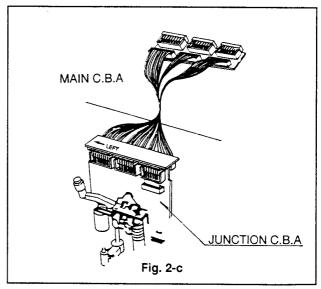


2. Electrical Service Fixture List

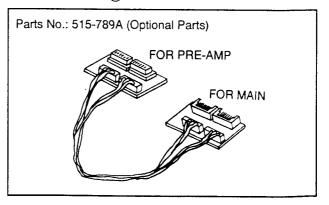
A. Fixture Cable ().







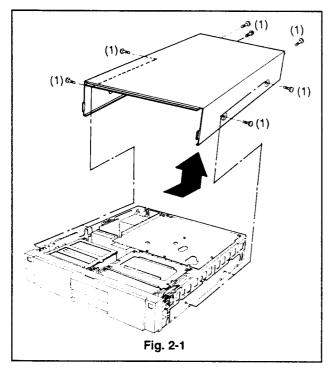
B. Fixture Cable (2).



CABINET DISASSEMBLY

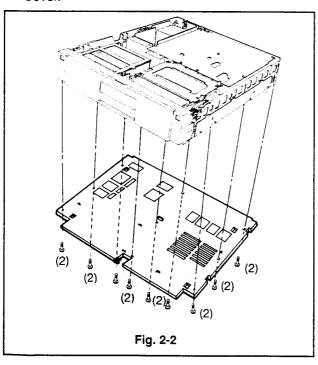
1. Top Case

- A. Release 7 screws (1).
- B. Hold the back of Top Case and lift it up slightly backward to remove it.



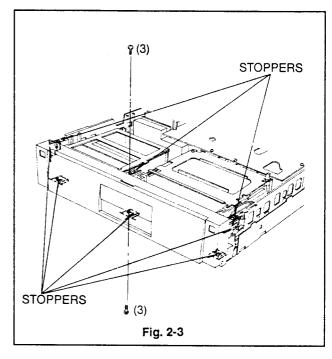
2. Bottom Cover

A. Release 9 screws (2) to remove the Bottom Cover.



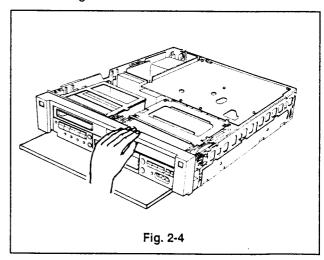
3. Front Panel

- A. Release 2 screws (3).
- B. Remove the stoppers on the top of Front Panel.
- C. Remove the stoppers on the bottom side Front Panel.



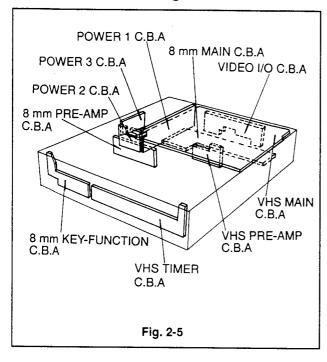
* Caution

When reassemble the Front panel, assemble it in condition of inserting the Door Cassette inside, as shown in Fig.2-4



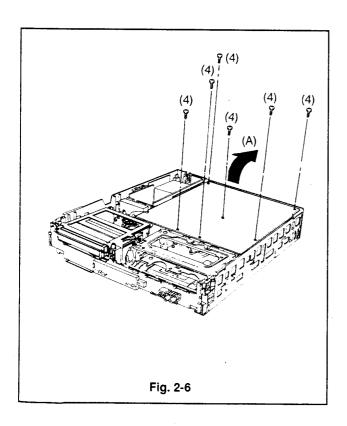
CIRCUIT BOARD DISASSEMBLY

1. Circuit Board Arrangement



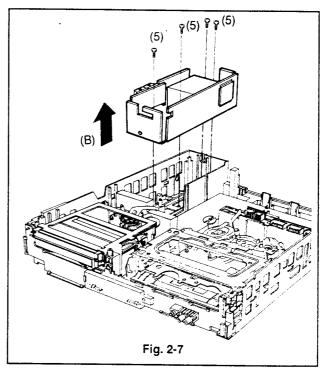
2. VHS Main Circuit Board

- A. Release 6 screws (4).
- B. Remove the Main C.B.A in the direction of arrow (A).



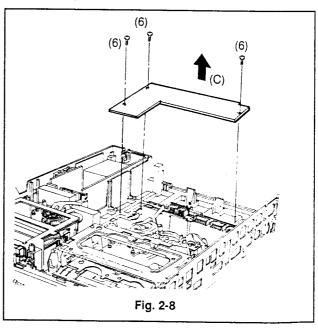
3. Power 1, 2, 3 Circuit Board

- A. Remove the Bottom Cover. (Fig. 2-2)
- B. Release 4 screws (5).
- C. Remove the Power C.B.A in the direction of arrow (B).



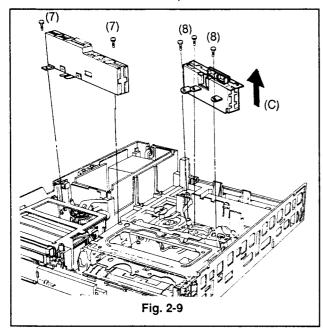
4. 8mm Main Circuit Board

- A. Release 3 screws (6).
- B. Remove the 8mm Main C.B.A in the direction arrow (C).



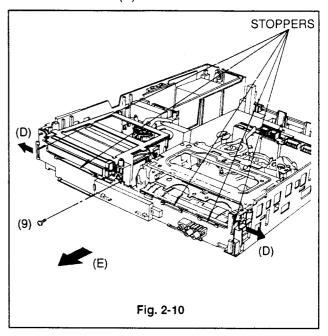
5. 8mm/VHS Pre-Amp Circuit Board

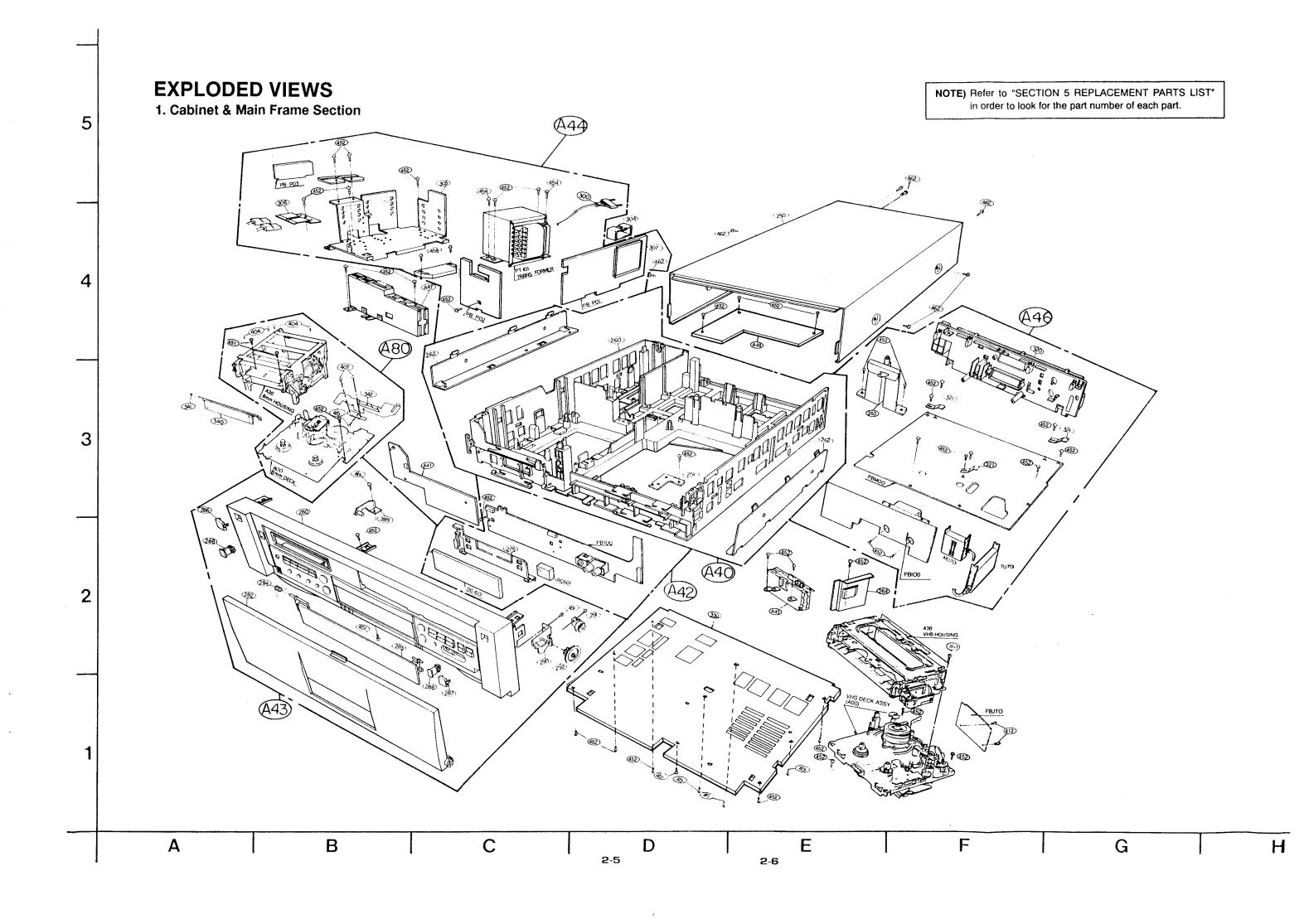
- A. Release 2 screws (7).
 B. Remove the 8mm Pre-Amp C.B.A.
- C. Release 3 screws (8).
- D. Remove the VHS Pre-Amp C.B.A.



6. 8 mm/VHS Key Function Circuit Board

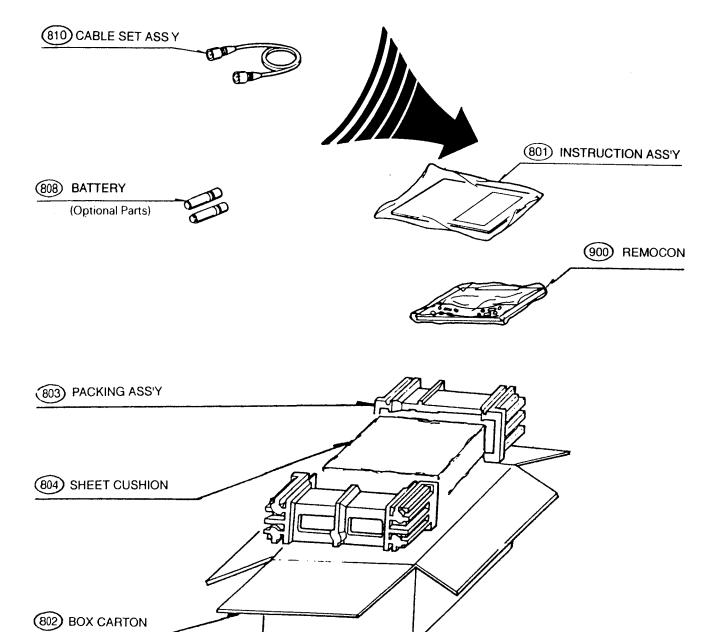
- A. Release screw (9).
- B. Release 5 stoppers in the direction arrow (D).C. Remove the 8mm/VHS Key Function C.B.A in the direction arrow (E).



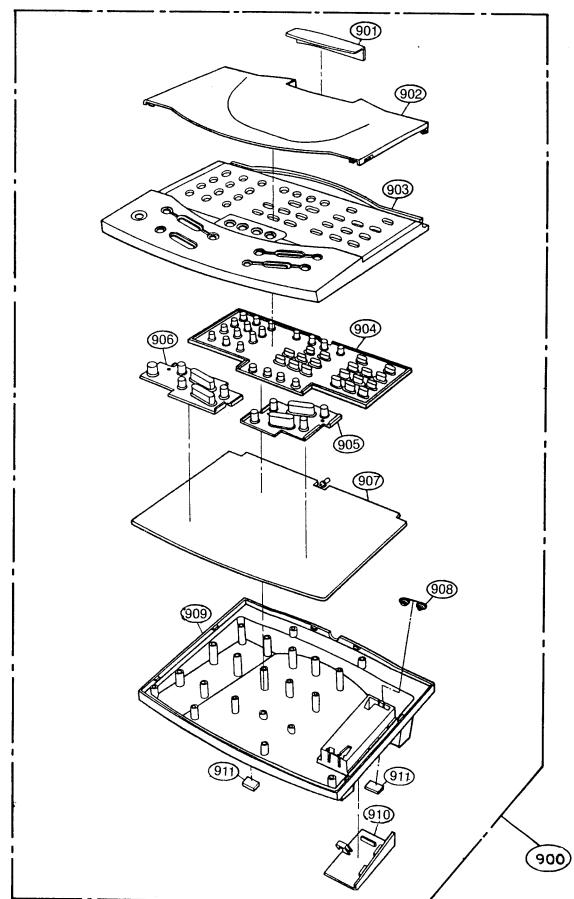


2. Packing Accessory Section

NOTE) Refer to "SECTION 5 REPLACEMENT PARTS LIST" in order to look for the part number of each part.



3. Remote Control Section



SECTION 3 ELECTRICAL

ELECTRICAL ADJUSTMENT PROCEDURES

Electronic Test Equipment Requirement

- Oscilloscope
- · Video signal Generator
- Modem Tester
- Level Meter
- · Frequency Counter
- Power Supply

- · Monitor Scope
- + Driver
- Test Tape (SP)-PAL (VHS, 8mm)
- · Recording Tape (VHS)
- Digital Multimeter

1. VHS Circuit Adjustment

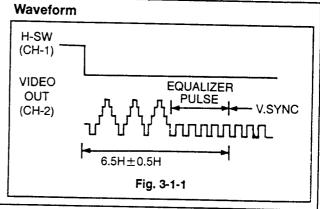
1-1. Servo Circuit

1-1-1. PG Adjustment

| MODE | SPECIFICATION | MEASUREMENT POINT | ADJUSTMENT POINT |
|----------|----------------------------|--|------------------|
| PLAYBACK | 6.5H±0.5H (1H=64.0µsec) | TP201 (H.SW) TP202 (V.Out terminal) | VR201 |

Procedure:

- a. Playback a VHS PAL SP test tape.
- b. Connect CH-1 of oscilloscope to TP201 (H.SW) and CH-2 to TP202 (Video Out terminal).
- c. Trigger the complex Video signal to CH-1 H.SW, and adjust VR201 so that the distance from switching point of H.SW signal to the starting point of horizontal synchronized signal is $6.5H\pm0.5H~(416\pm32\mu\,sec)$

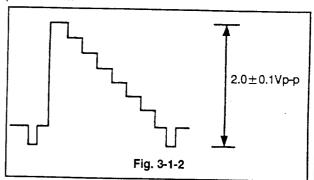


1-2. Y/C Circuit

1-2-1. EE Level Adjustment

| MODE | SPECIFICATION | MEASUREMENT POINT | ADJUSTMENT POINT |
|-------------|---------------------------------|-------------------|------------------|
| STOP | 2.0±0.1Vp-p | TP202 | VR304 |
| Procedure : | eo signal Generator to Video i | Waveform | |
| terminal. | so signal deflerator to video i | | |

- b. Input Color Bar signal to Video in terminal.
- c. Connect CH-1 of oscilloscope to TP202.
- d. Adjust VR304 so that the value from the lower part of synchronism to 100% white signal is 2.0 ±0.1Vp-p.

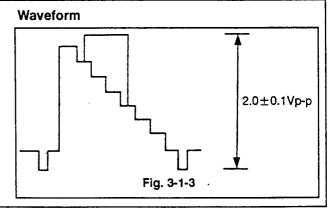


1-2-2. Playback Luminance Level Adjustment

| MODE | SPECIFICATION | MEASUREMENT POINT | ADJUSTMENT POINT |
|---------------|---------------|-------------------|------------------|
| PLAYBACK (SP) | 2.0±0.1Vp-p | TP202 | VR305 |

Procedure:

- a. Connect CH-1 of oscilloscope to TP202.
- b. Playback a VHS PAL SP test tape (with 100% white signal).
- Adjust VR305 so that the value from the lower part of synchronism to 100% white signal is 2.0 ±0.1Vp-p.

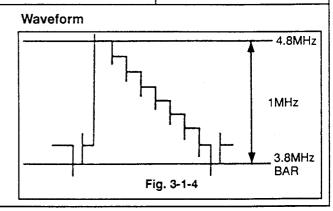


1-2-3. FM Carrier Frequency Adjustment

| MODE | SPECIFICATION | MEASUREMENT POINT | ADJUSTMENT POINT |
|---------------------|-------------------------------|--------------------|------------------|
| RECORD LINE mode | 3.8MHz±0.05MHz at SYNC Tip | TP301 (CAR/DEV TP) | VR303 |

Procedure:

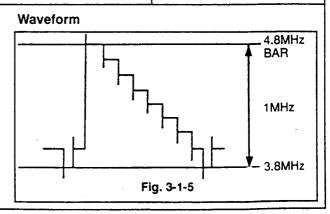
- a. Input Color Bar signal (with 100% white signal) to Video in terminal (Scart Jack).
- b. Connect In terminal of Modern Tester to TP301.
- c. Connect Out terminal of Modem Tester to CH-1 of oscilloscope (But the set and the Modem Tester should be connected with 10:1 probe).
- d. The terminal position of Modem Tester is operated to be ATT.0dB, PAL/SECAM mode, Demod, Marker on.
- e. Adjust VR303 so that SYNC Tip of video signal is agreed with 3.8MHz Marker on scope.



1-2-4. FM Deviation Frequency Adjustment

| MODE | SPECIFICATION | MEASUREMENT POINT | ADJUSTMENT POINT |
|---------------------|---------------------------------|--------------------|------------------|
| RECORD LINE mode | 4.8MHz±0.05MHz at White Peak | TP301 (CAR/DEV TP) | VR301 |

- a. Input Color Bar signal (with 100% white signal) to Video in terminal (Scart Jack).
- b. Connect In terminal of Modern Tester to TP301.
- c. Connect Out terminal of Modem Tester to CH-1 of oscilloscope (But the set and the Modem Tester should be connected with 10:1 probe).
- d. The terminal position of Modem Tester is operated to be ATT.0dB, PAL/SECAM mode, Demod, Marker on.
- e. Adjust VR301 so that 100% white peak of video signal is agreed with 4.8MHz Marker on scope.

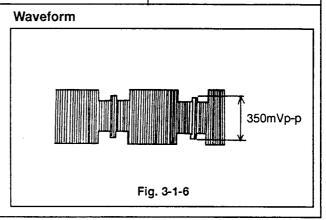


1-2-5. Recording Luminance Level Adjustment

| MODE | SPECIFICATION | MEASUREMENT POINT | ADJUSTMENT POINT |
|---------------------|---------------|-------------------|------------------|
| RECORD LINE mode | 350mVp-p | TP302 (REC-Y) | VR302 |

Procedure:

- a. Input Color Bar signal (with 100% white signal) to Video in terminal (Scart Jack).
- b. Connect CH-1 of oscilloscope to TP202.
- c. Connect CH-2 of oscilloscope to TP302.
- d. Record the SP mode.
- e. Adjust VR302 so that the waveform is 350mVp-p.



1-3. Audio Circuit

1-3-1. Record Bias Adjustment

| MODE | SPECIFICATION | MEASUREMENT POINT | ADJUSTMENT POINT |
|-------------|---------------|--------------------|------------------|
| RECORD (SP) | 2.6±0.05mVrms | R436 Both Terminal | VR401 |

- a. Loading the recording tape and record.
- b. Connect (+), (-) terminal of Level Meter to both terminals R436.
- c. Adjust VR401 so that the oscillation voltage fit to specification.

1-4. Tuner/IF Circuit

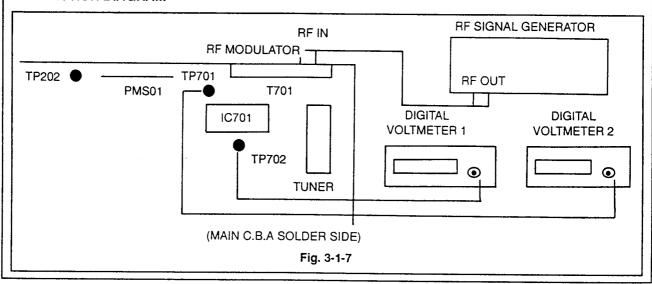
1-4-1. VIF Adjustment

| MODE | SPECIFICATION | MEASUREMENT POINT | ADJUSTMENT POINT |
|------|---------------|-------------------|------------------|
| EE | 2.5V±0.1V | TP702 | T701 |

Procedure:

- a. Connect as shown in Fig. 3-1-7.
- b. Receive the CH-11 (217.25MHz).
- c. Adjust T701 so that the Digital voltmeter 1 is 2.5 ± 0.1 V.

CONNECTION DIAGRAM



*Caution in testing

- 1. When practing this adjustment, adjust after more than 10minutes with TV set turning on.
- 2. Adjust after completing itself test of measuring apparatus.
- 3. Sweep OSC marker frequency is followed by Table 1.

*Abbreviation

- APC : Adjacent Picture Carrier
- SIF : Sound Intermediate Frequency
- CIF : Color Intermediate Frequency
- CEN: Center Frequency
- PIF : Picture Intermediate Frequency
- ASC: Adjacent Sound Carrier

Table 1 Frequency Table

(MHz)

| BROADCASTING | ADJUSTMENT MARKER FREQUENCY | | | | | |
|-----------------|-----------------------------|-------|-------|-------|-------|-------|
| SYSTEM | APC | SIF | CIF | CEN | PIF | ASC |
| PAL B/G+SECAM L | 31.90 | 33.40 | 34.47 | 36.00 | 38.90 | 40.40 |

1-4-2. RF AGC Adjustment

| MODE | SPECIFICATION | MEASUREMENT POINT | ADJUSTMENT POINT |
|------|---------------|-------------------|------------------|
| EE | 4.7 ÷0.1V | TP701 | VR701 |

- a. Connect as shown in Fig. 3-1-7.
- b. Receive the CH-11(217.25MHz, strength of input electric field : $70dB\mu V$).
- c. Adjust VR701 so that the Digital voltmeter 2 is $4.7_{-0}^{+0.1}$ V.

2. 8mm Circuit Adjustment

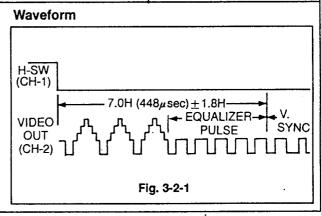
2-1. Servo Circuit

2-1-1. PG Adjustment

| MODE | SPECIFICATION | MEASUREMENT POINT | ADJUSTMENT POINT |
|----------|-----------------------------------|--|------------------|
| PLAYBACK | 7H±1.8H (1H=64.0 <i>µ</i> sec) | TP4K1 (H.SW) TP3A1 (V.Out terminal) | VR501 |

Procedure:

- a. Playback a 8mm PAL SP test tape.
- b. Connect CH-1 of oscilloscope to TP4K1 (H.SW) and CH-2 to TP3A1 (Video Out terminal)
- c. Trigger the complex Video signal to CH-1 H.SW, and adjust VR501 so that the distance from switching point of H.SW signal to the starting point of horizontal synchronized signal is $7H \pm 1.8H$ ($448 \pm 115.2\mu$ sec).



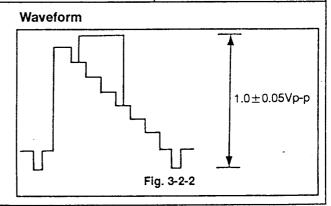
2-2. Y/C Circuit

2-2-1. Playback Output Level Adjustment

| MODE | SPECIFICATION | MEASUREMENT POINT | ADJUSTMENT POINT |
|---------------|---------------|-------------------|------------------|
| PLAYBACK (SP) | 1.0±0.05Vp-p | TP3A1 | VR3A1 |

Procedure:

- a. Connect CH-1 of oscilloscope to TP3A1.
- b. Playback a 8mm PAL SP test tape (Color bar with 100% white signal).
- c. Adjust VR3A1 so that Video out level is 1.0 ± 0.05 Vp-p.



2-2-2. Color VCO Adjustment

| MODE | SPECIFICATION | MEASUREMENT POINT | ADJUSTMENT POINT |
|---------------|---------------|-------------------|------------------|
| PLAYBACK (SP) | DC2.5±0.1Vp-p | TP3A2 | FL3A2 |

- a. Connect CH-1 of oscilloscope to TP3A2.
- b. Playback a 8mm PAL SP test tape (Color bar with 100% white signal).
- c. Adjust FL3A2 so that DC level is 2.5 ± 0.1 Vp-p.

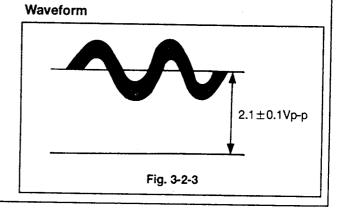
2-3. Audio Circuit

2-3-1. FM VCO Adjustment

| | | MEASUREMENT POINT | ADJUSTMENT POINT |
|---------------|---------------|-------------------|------------------|
| PLAYBACK (SP) | DC2.1±0.1Vp-p | TP4A2 | VR4A2 |

Procedure:

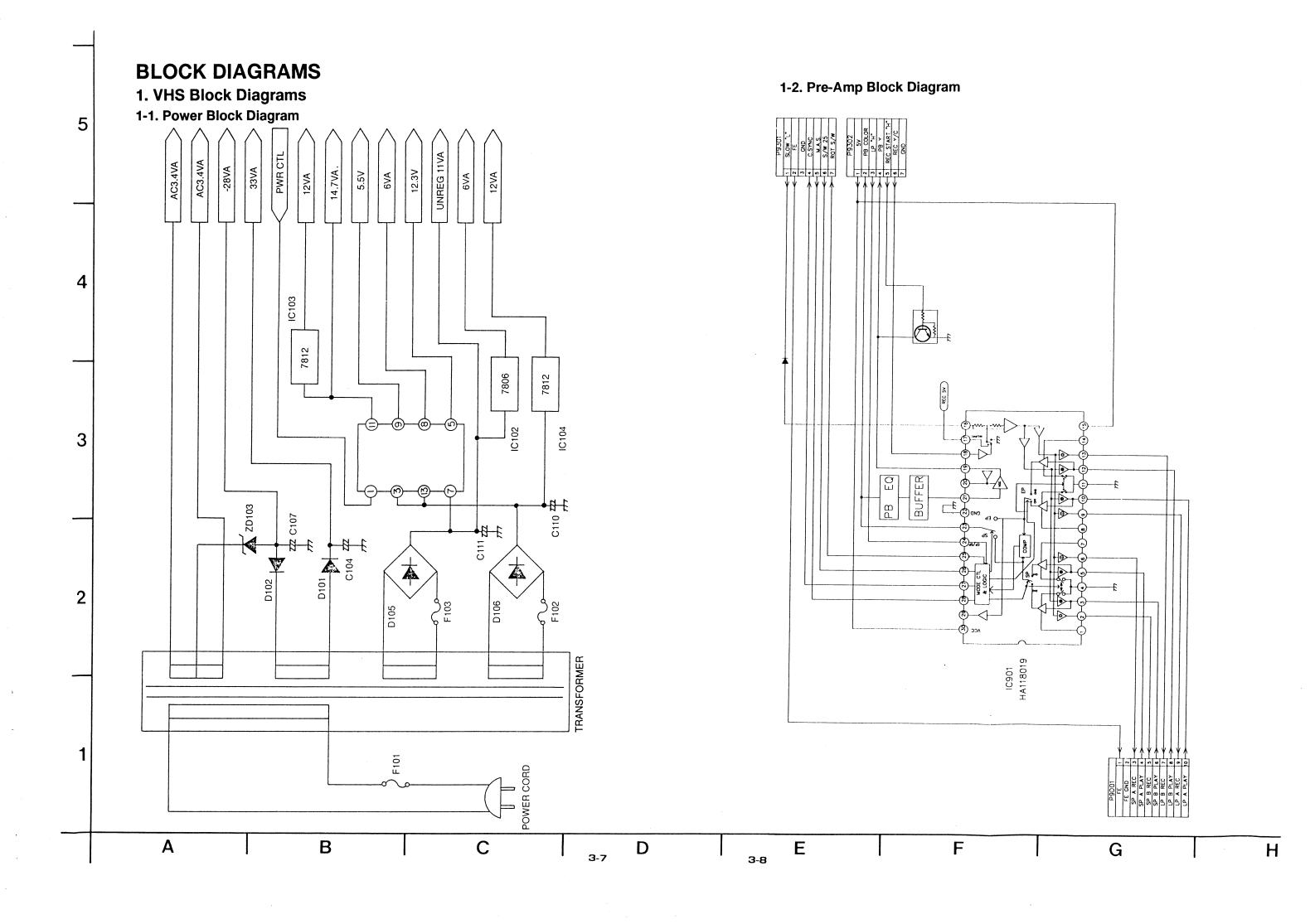
- a. Connect CH-1 of oscilloscope to TP4A2.
- b. Playback a 8mm PAL SP test tape (with 400Hz Audio signal).
- c. Adjust VR4A2 so that Center Voltage is DC2.1 ± 0.1 Vp-p.

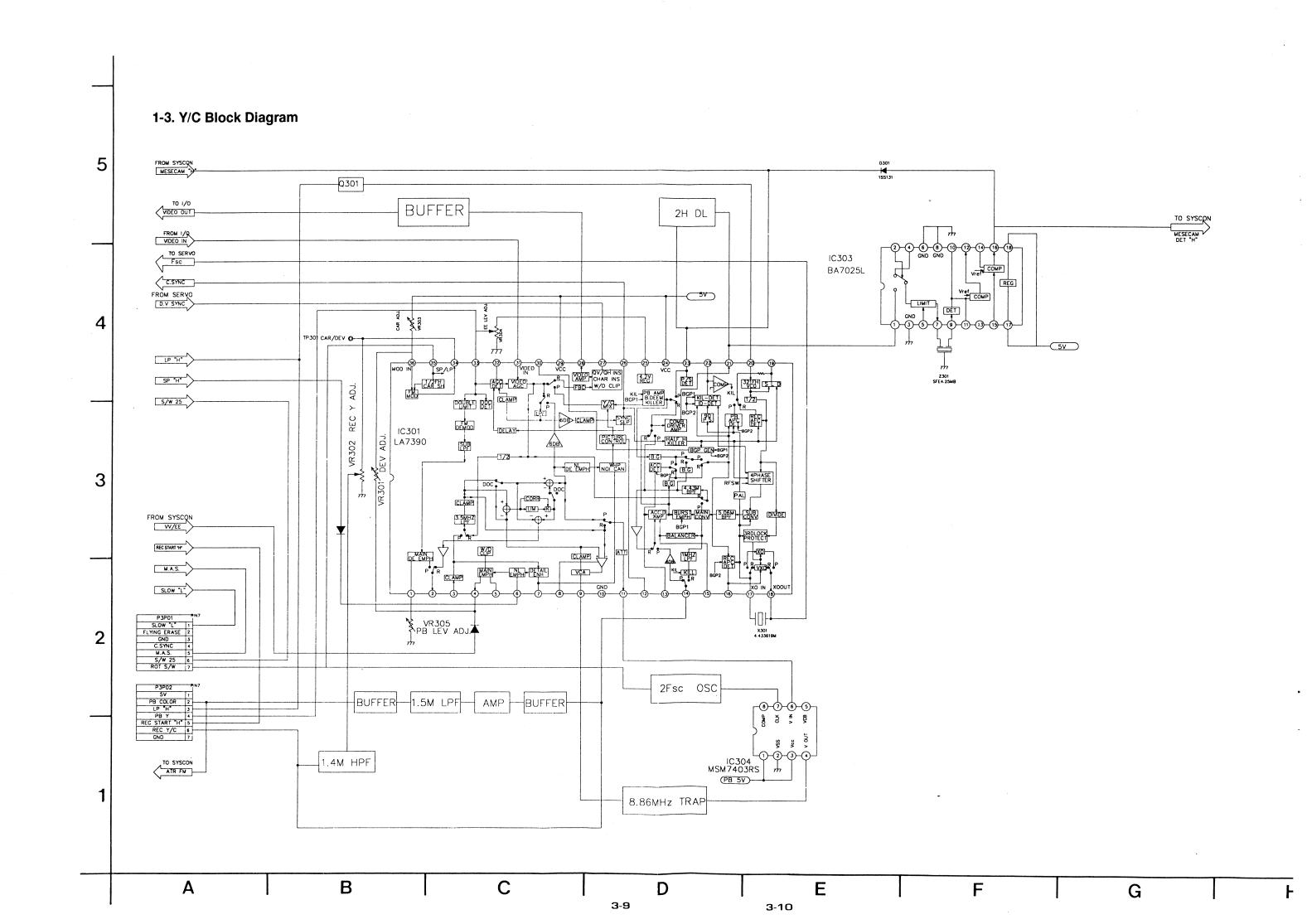


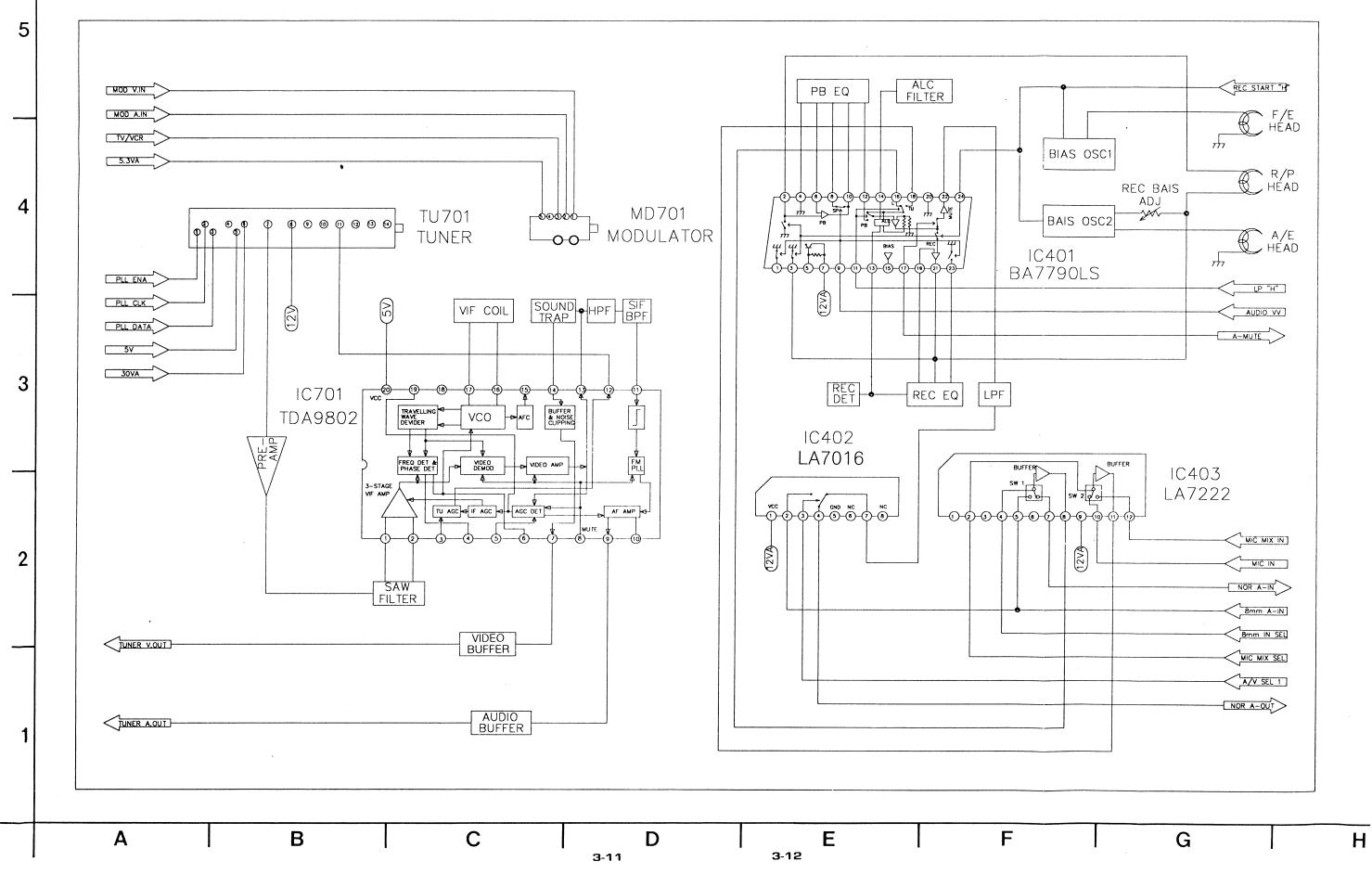
2-3-2. FM Deviation Adjustment

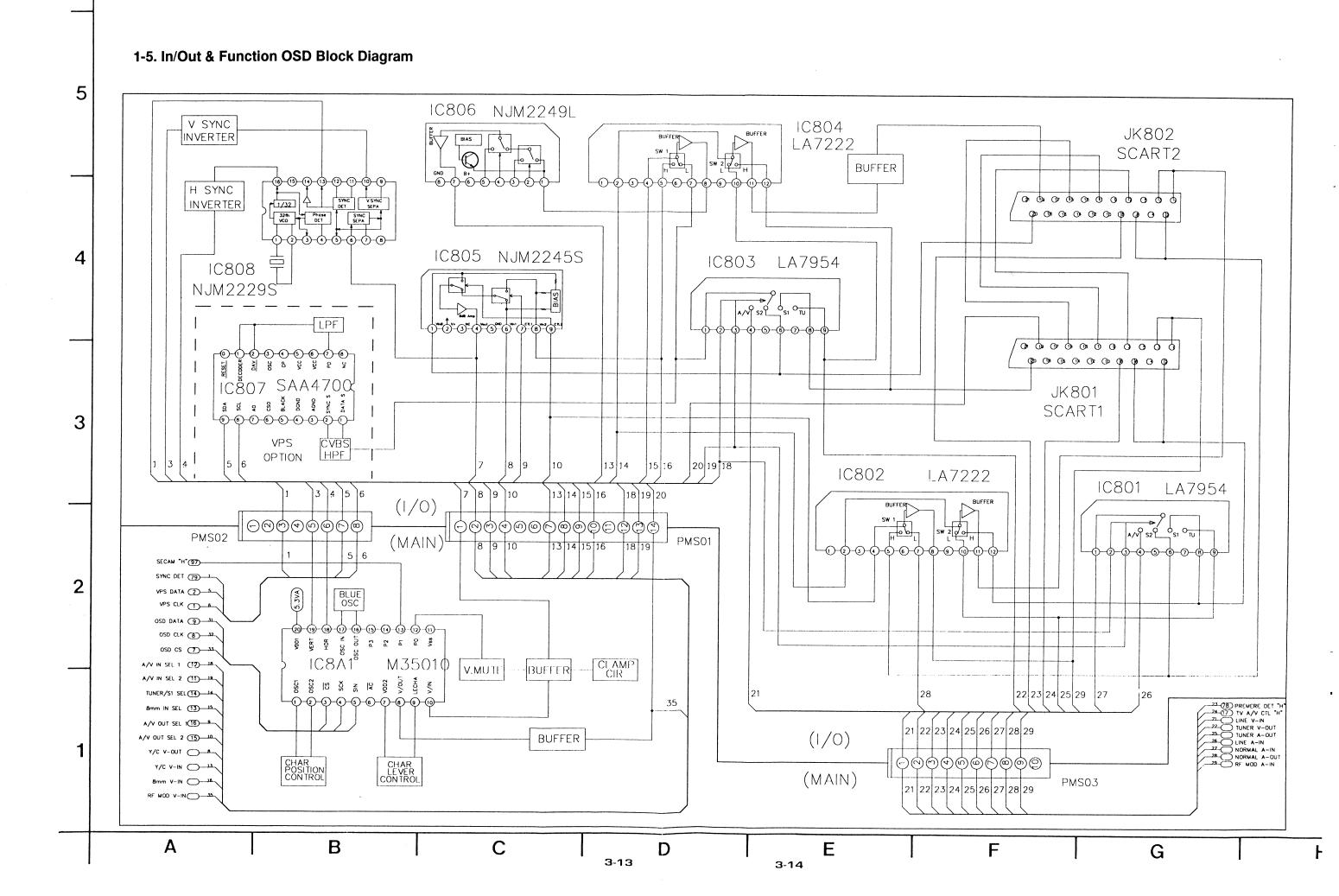
| MODE | SPECIFICATION | MEASUREMENT POINT | ADJUSTMENT POINT |
|---------------|---------------|----------------------------|------------------|
| PLAYBACK (SP) | 6±0.5dBm | TP4A1 (Audio Out terminal) | VR4A1 |

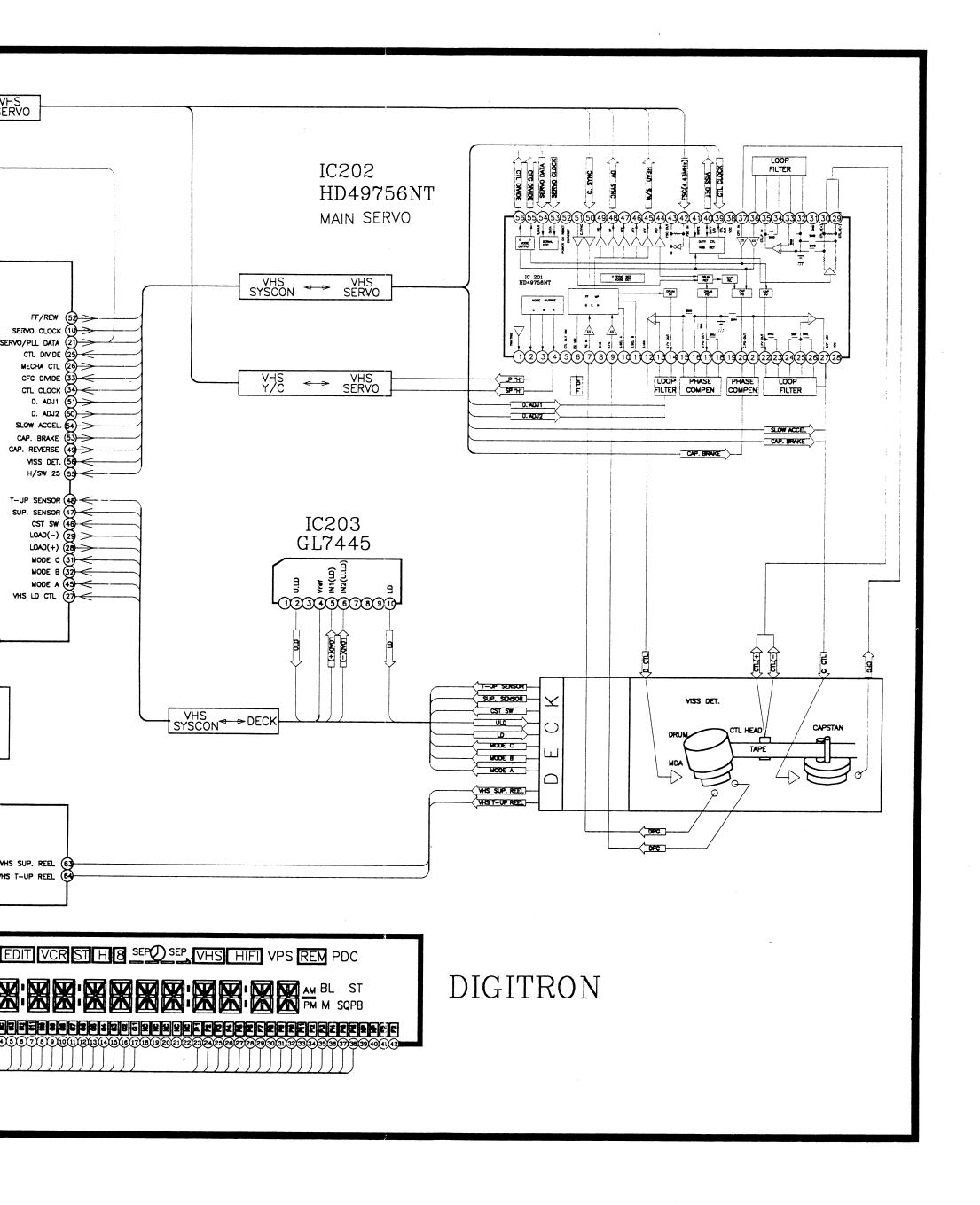
- a. Connect (+) terminal of Level Meter to TP4A1 (Audio Out terminal).
- Playback a 8mm PAL SP test tape (with 1KHz or 400Hz Audio signal).
- c. Adjust VR4A1 so that level is 6 ± 0.5 dBm.



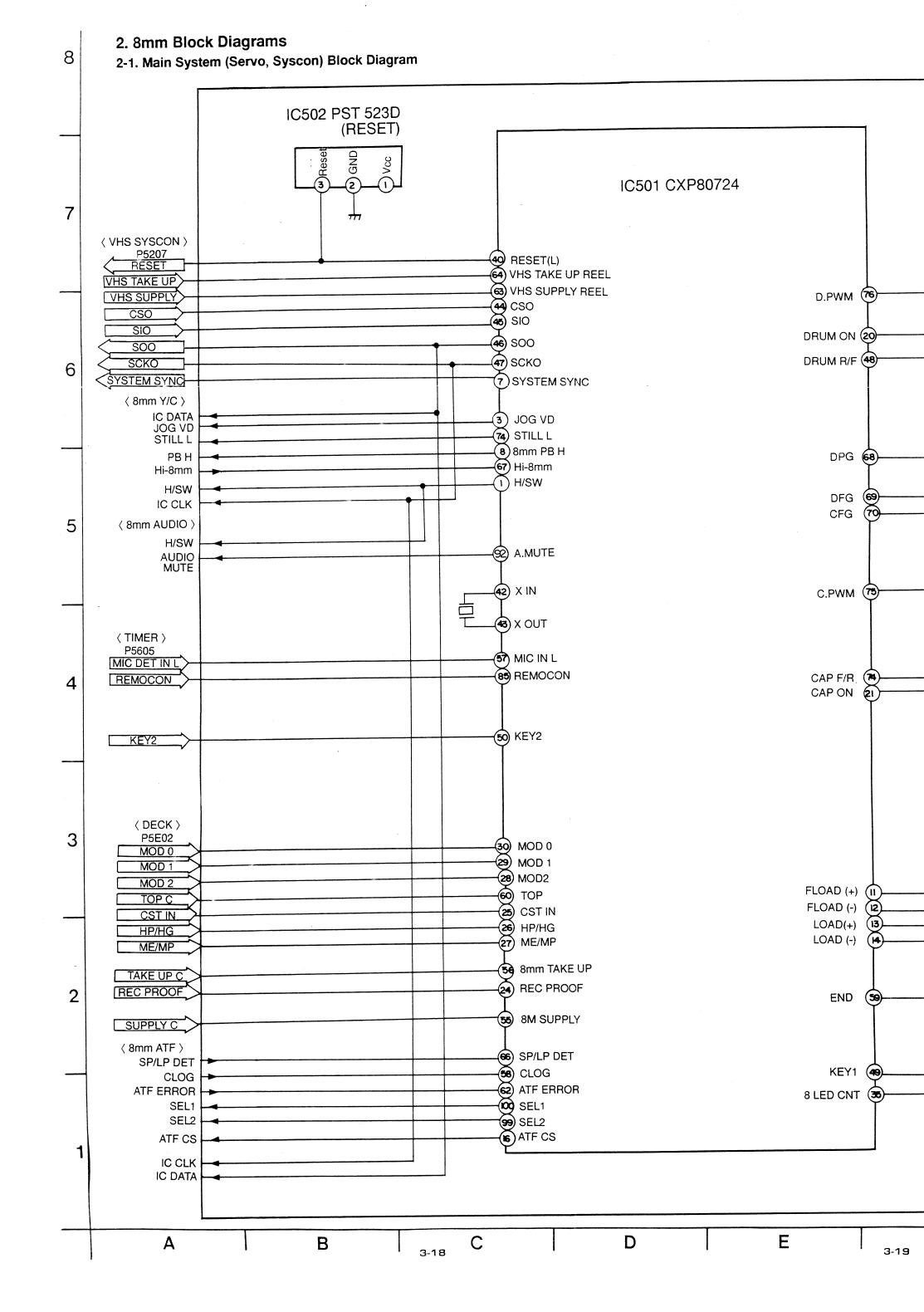


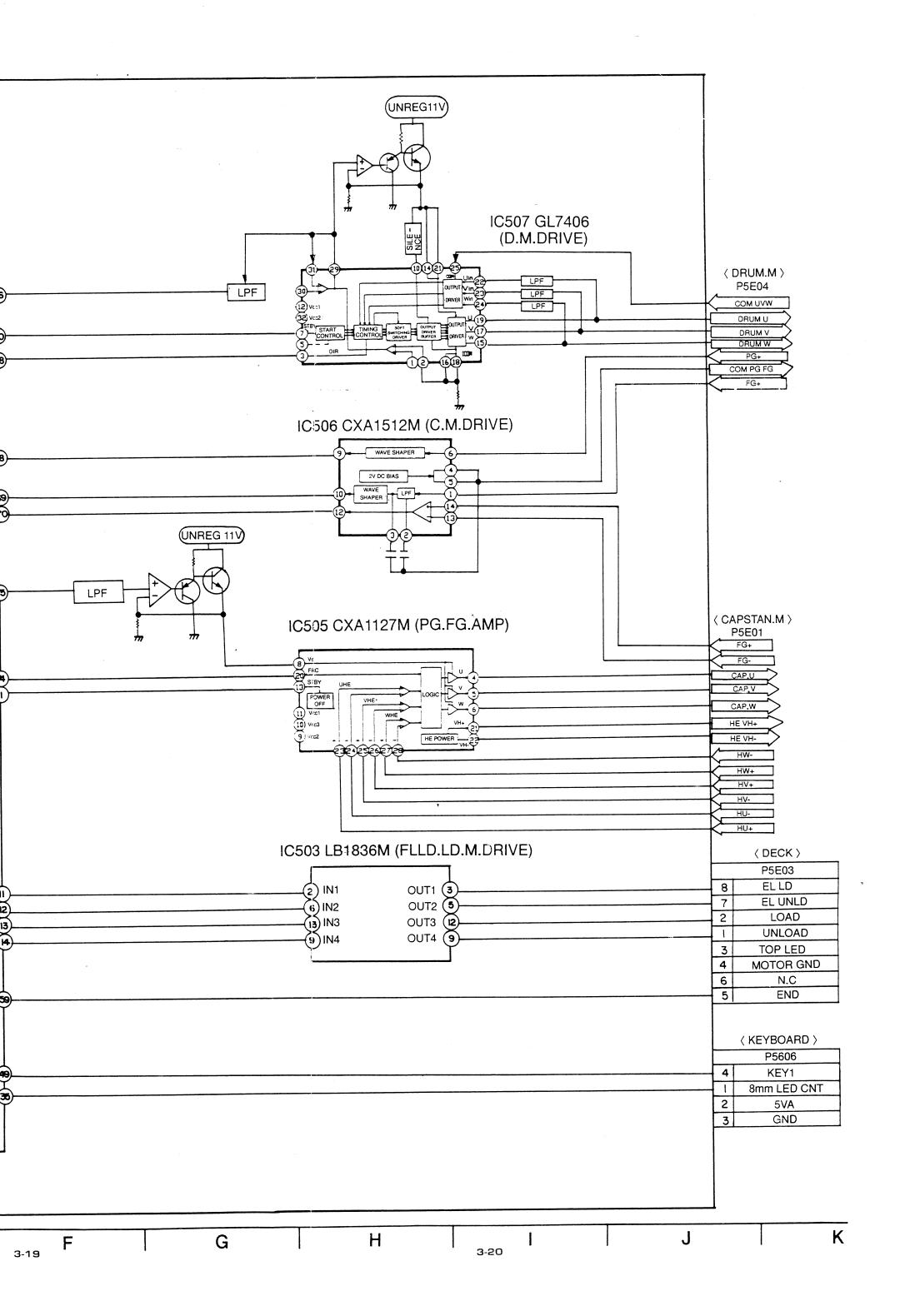


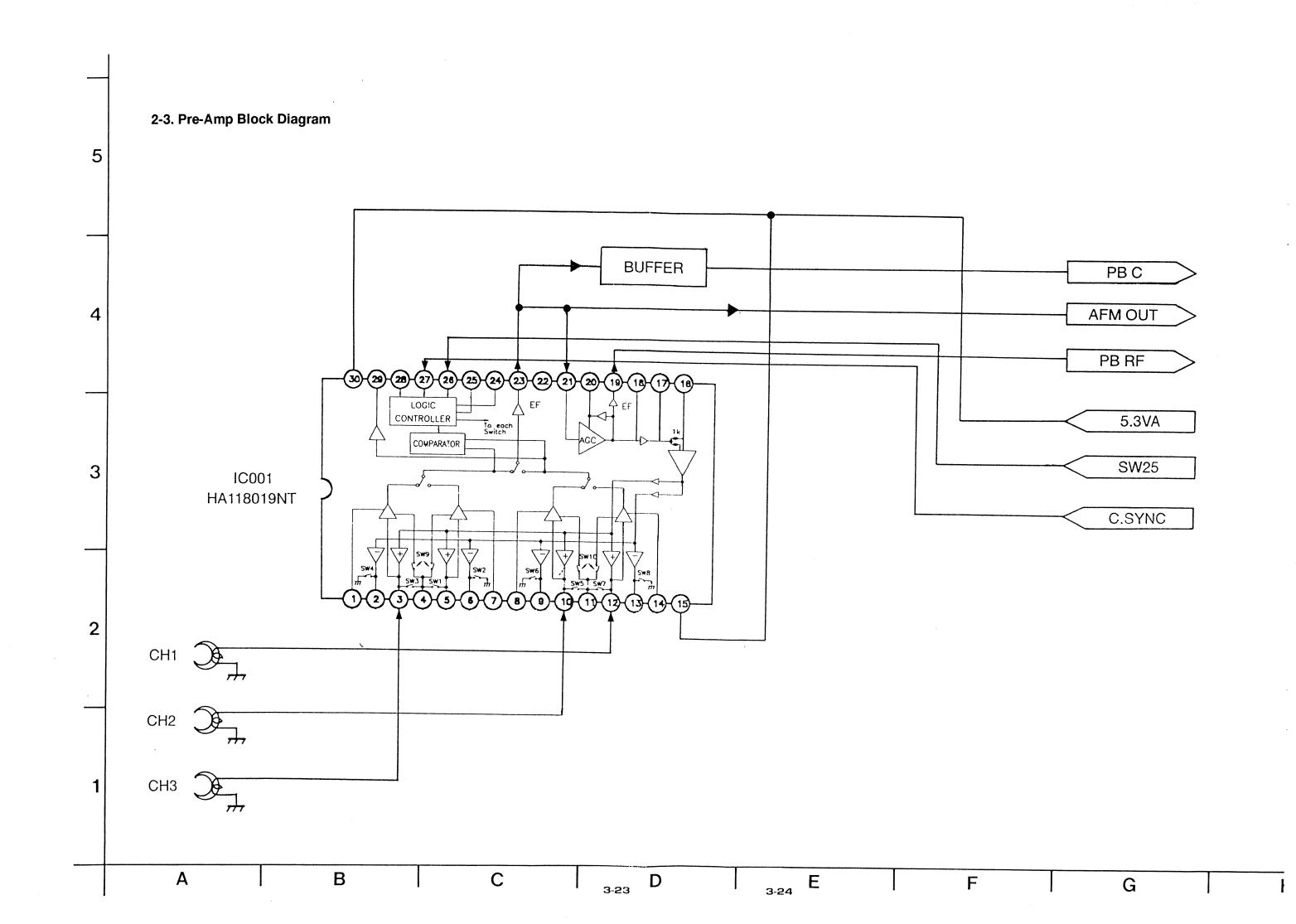


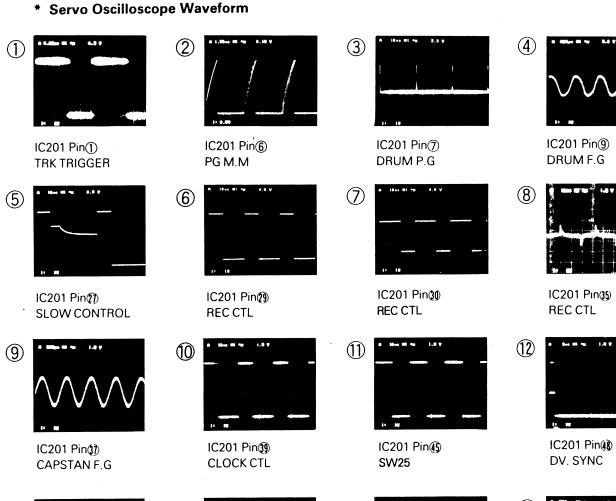


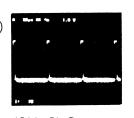
E G H J



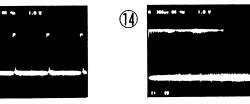








IC201 Pin® COMPOSITE SYNC



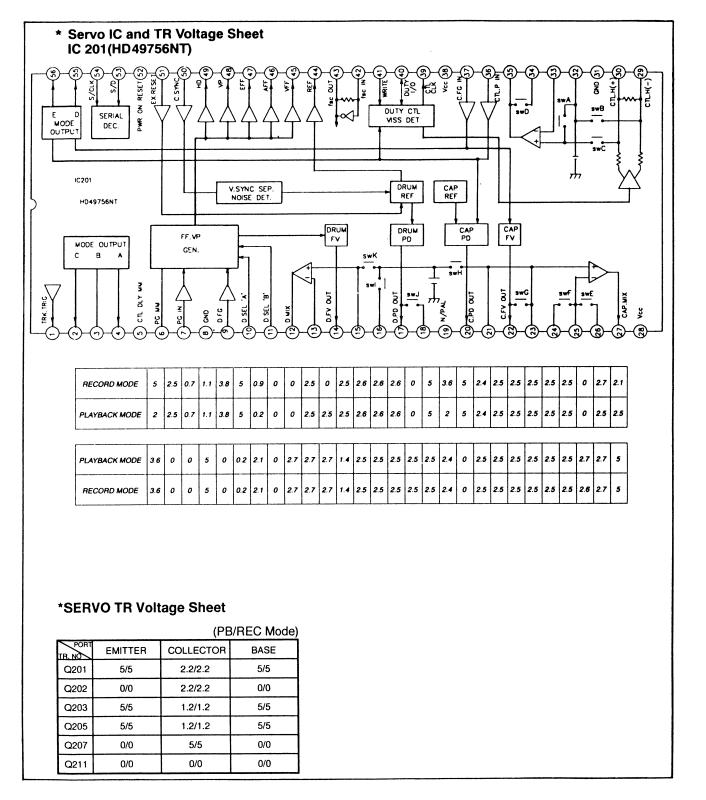
SERIAL DATA



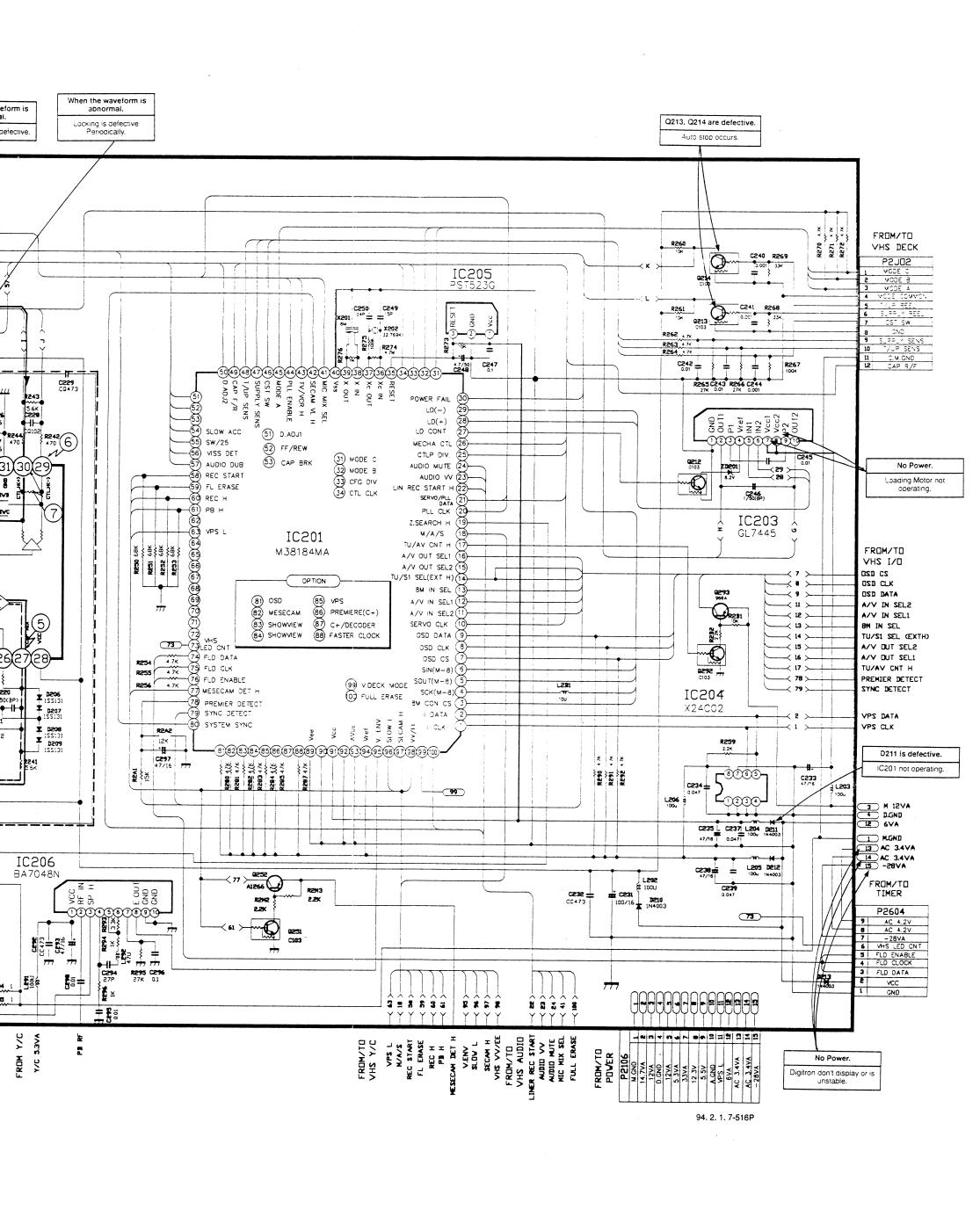
IC201 Pin(\$4) SERIAL CLOCK



IC201 Pin(\$) CFG C.D



IC201 Pin(§) CTL C.D



Н

3-31

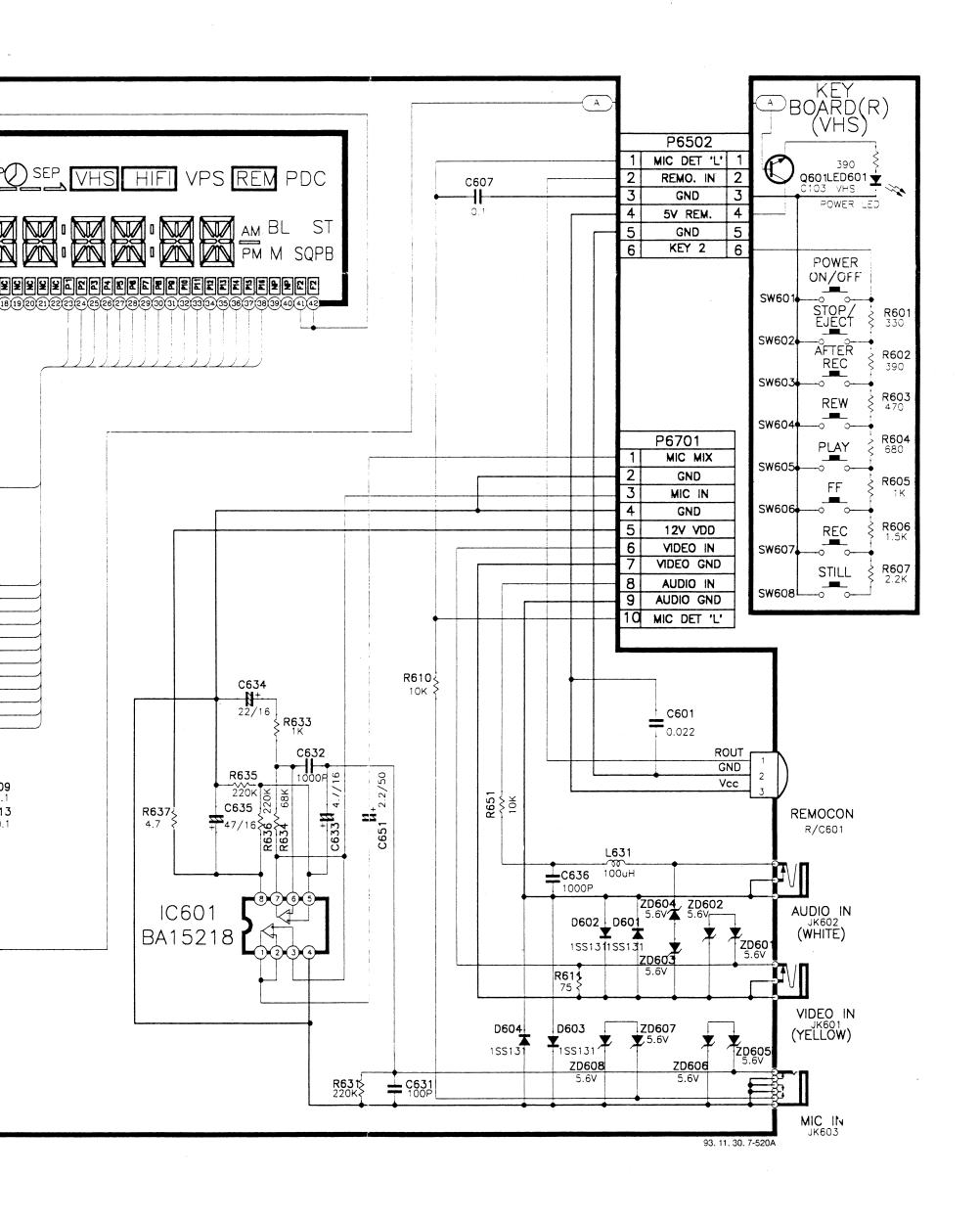
K

J

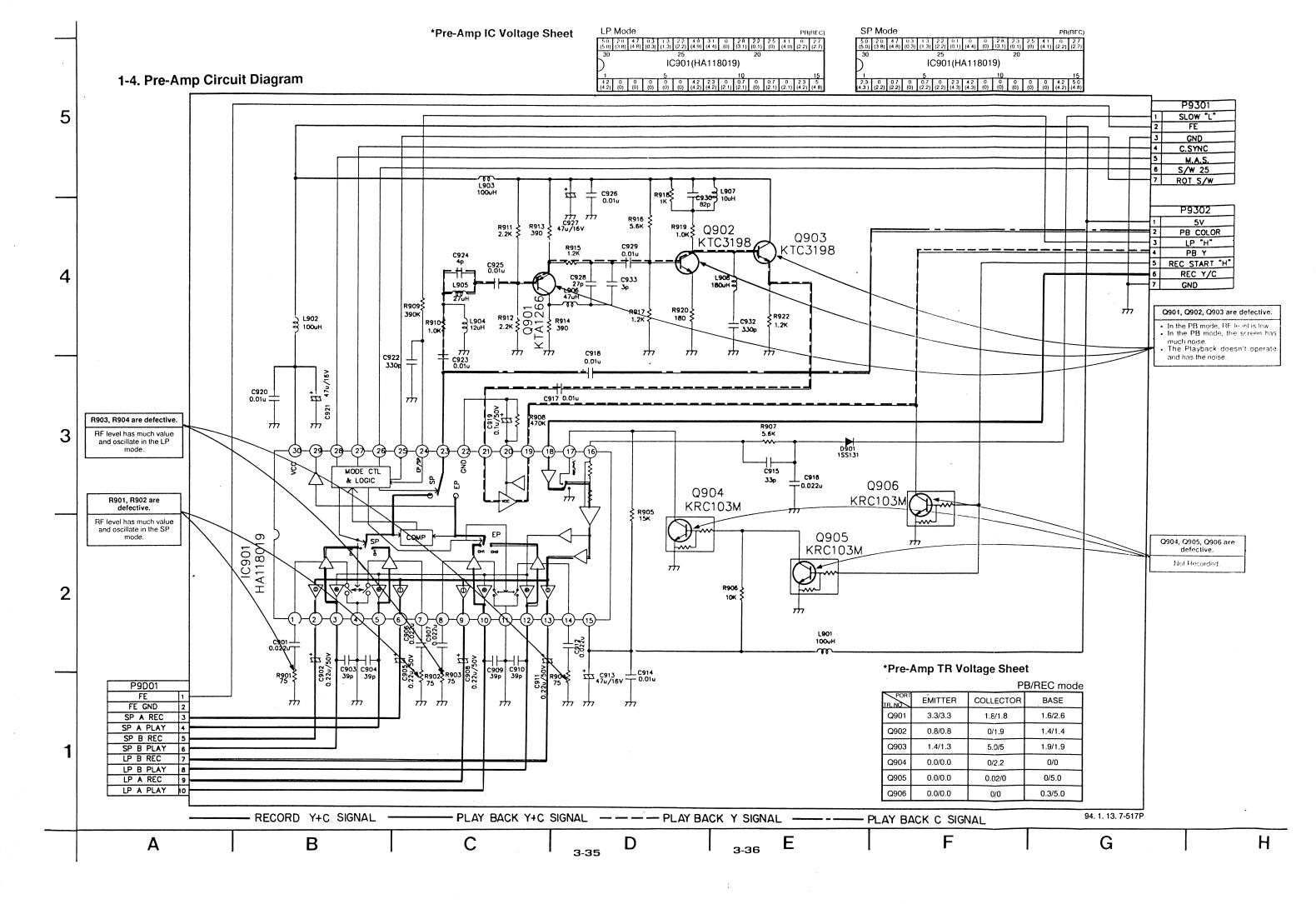
G

F

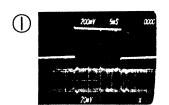
3-30



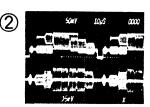
3-33 F G H 3-34 I J K



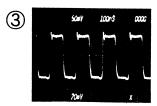
• Y/C Waveform (When taking a photograph of waveform, set probe of oscilloscope to 10:1)



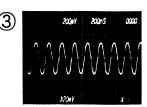
P3P02 Pin ② (TP203) Playback RF (SP mode) (20mV/5msec)



IC301 Pin (4)
Playback Color
(5mV/10µsec)



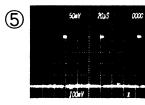
IC301 Pin (8)
Playback Mode: Fsc
Oscillation (20mV/100msec)

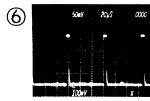


IC301 Pin (8)
Record Mode : Fsc
Oscillation (20mV/100msec)



TP201 S/W 25 (100mV/10msec)

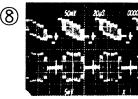




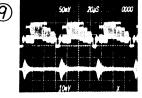
IC301 Pin
B.G.P Out terminal
(100mV/20µsec)



IC301 Pin ③
Clamp Input terminal (20mV/20µsec)



Q314 Emitter Record Color Signal (5mV/20µ sec)



IC303 Pin (9) Color Burst signal (10mV/20µsec)

*Y/C TR Voltage Sheet

| | | | P | B/REC Mode |
|----------------|-----------|-----------|-----------|------------|
| PORT TR. NO | EMITTER | COLLECTOR | BASE | REMARK |
| | 0/0 | 0/0 | 0/0 | SP Mode |
| Q301 | 0/0 ′ | 0/0 | 4.7/4.8 | LP Mode |
| Q302 | 1.5/1.6 | 5.1/5.0 | 2/2.1 | |
| Q303 | 0/0 | 0/0 | 0/0 | |
| Q304 | 3.6/3.0 | 0/0 | 3/2.4 | |
| Q305 | 4.2/3.7 | 0/0 | 3.6/3.0 | |
| Q306 | 0/0 | 0/0.5 | 5/0.2 | |
| Q307 | 0/0 | 4.6/4.6 | 0.6/0.5 | |
| Q308 | 1.2/0 | 5/0.2 | 1.8/0.1 | |
| Q309 | 2.8/0 | 5/0.2 | 3.4/0.1 | |
| Q310 | 0.9/0 | 1.5/0.2 | 1.5/0.1 | |
| Q311 | 1/0 | 5/0.2 | 1.5/0.2 | |
| Q312 | 0/0 | 0/5 | 5/0 | |
| Q313 | 5.1/5.1 | 5/0.2 | 4.3/5.1 | |
| Q314 | 1/0.6 | 0/0 | 0.4/0 | |
| Q315 | 2/0.2 | 0/0 | 0/0 | |
| Q316 | 2.8/0 | 0/0.2 | 3.4/0 | |
| Q321 | 11.6/11.6 | 0/0 | 11.6/11.6 | |
| Q322 | 0/0 | 11.6/11.6 | 0/0 | |
| Q323 | 0.5/0.1 | 11.6/11.6 | 0/0 | |
| Q324 | 0/0 | 0/0 | 0/0 | |
| Q325 | 0/0.16 | 0/0 | 0/0 | |

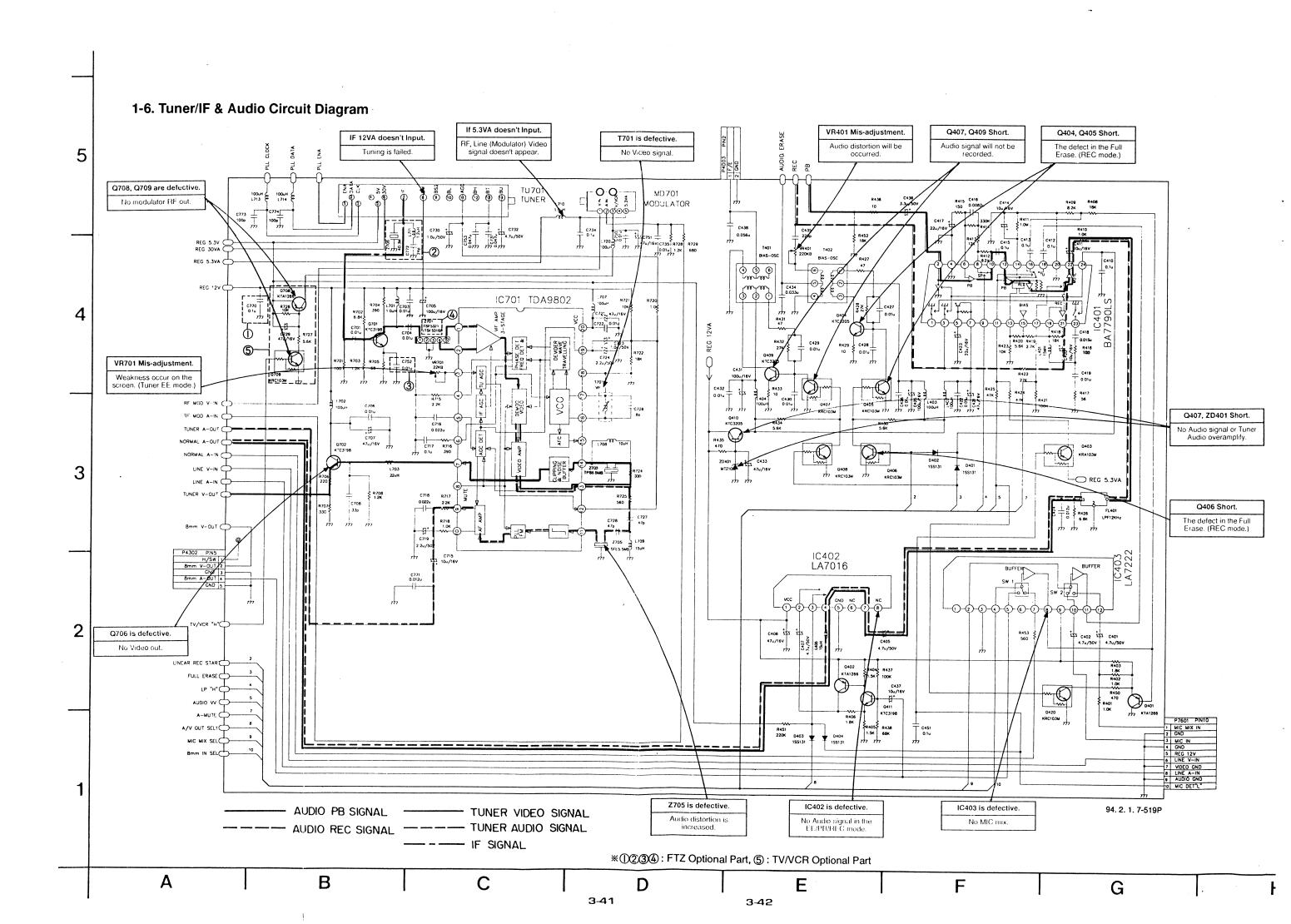
*Y/C IC Voltage Sheet

| PAL | PAL Mode PB(REC) | | | | | | | | | |
|--------------|------------------|--------------|------------|--------------|--------------|------------|------------|--------------|--|--|
| (0) | 4.0 (1.0) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 0 (0.1) | 5.4 (5.4) | | |
| | 10 | | | | | | | | | |
| D |) IC303(BA7025L) | | | | | | | | | |
| 1 | | -5 | | | | | 15 | | | |
| 3.8 (3.8) | 0 (0) | 5.4 (5.4) | 4.7 (0) | 3.1 (3.1) | 3.9 (3.9) | 4.0 (4) | 0 (0) | 5.4 (5.4) | | |

| MES | ECAN | | PB | (REC) | | | | | | |
|--------------|------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--|--|
| 0 (0) | 4.0 (4.0) | 0 (0) | 0 (0) | 0 (0) | 4.4 (4.3) | 4.3 (4.3) | 4.5 (4.5) | 5.4 (5.4) | | |
| 10 | | | | | | | | | | |
| D |) IC303(BA7025L) | | | | | | | | | |
| 1 | 1 5 15 | | | | | | | | | |
| 3.8 (3.8) | 0 (0) | 5 (5) | 4.8 (4.8) | 3.2 (3.2) | 5 (5) | 3.8 (3.8) | 0 (0) | 5.4 (5.4) | | |

| | PB(REC) | | | | | | | |
|--------------------------------|---------|-------|-----------|--|--|--|--|--|
| 8 | 2 | 2 | 2 | | | | | |
| (0.2) | (0.1) | (0.2) | (0.3) | | | | | |
| IC304 ⁵ (MSM7403RS) | | | | | | | | |
| 4.85 | 0 | 4.85 | 3.3 (0.1) | | | | | |
| (0.2) | (0) | (0.2) | | | | | | |

| PALI | Mode | | | | | | | | | | | | | | | PB(| REC) |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2.5 (2.5) | 0.6 (0.6) | 3.7 (3.2) | 3.3 (3.3) | 1.4 (1.4) | 3.3 (3.3) | 0.6 (0.6) | 5.0 (5.0) | 2.0 (2.0) | 0.1 (0.1) | 0.5 (0.5) | 4.1 (4.1) | 5.0 (5.0) | 2.0 (2.0) | 2.0 (2.0) | 2.5 (2.4) | 3.3 (3.3) | 3.3 (3.3) |
| | 35 30 25 | | | | | | | | | 4.6 (4) | MESE | | 20 | | | | |
|) | | | | | | IC | 301 | (LA | 739 | 0) | | | (4) | Mode | | | 1 |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | | | |
| 2.3 (0) | 3.1 (2.4) | 2.4 (2.8) | 4.5 (2.8) | 4.5 (2.8) | 4.3 (4.3) | 2.5 (2.4) | 3.2 (2.2) | 2.1 (2.1) | 0 (0) | 2.0 (2.1) | 2.5 (0.5) | 2.2 (1.7) | 3.0 (3.0) | 2.3 (2.5) | 2.2 (2.2) | 3.8 (3.8) | 2.6 (3.4) |



*Tuner/IF TR Voltage Sheet

| PORT TR. NO | EMITTER | COLLECTOR | BASE |
|----------------|---------|-----------|------|
| Q701 | 1.17 | 12.2 | 1.78 |
| Q702 | 1.62 | 12.2 | 2.23 |
| Q708 | 5.25 | 5.13 | 4.50 |
| Q709 | 0 | 0 | 5.07 |

*Tuner/IF IC Voltage Sheet

| | 5.11 | 3.01 | 0.0 | 2.79 | 2.79 | 4.89 | 1.97 | 1.99 | 4.10 | 2.59 |
|---|------------------|------|------|------|------|------|------|------|------|------|
| Γ | 20 15 | | | | | | | | | |
| |) IC701(TDA9802) | | | | | | | | | |
| | 1 5 10 | | | | | | | | | |
| ſ | 3.32 | 3.32 | 1.07 | 0.21 | 3.08 | 2.50 | 2.24 | 3.23 | 1.96 | 1.50 |

*Tuner

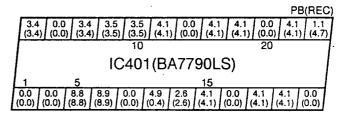
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | |
|------|------|---|------|------|------|---|------|---|----|-----|------|------|----|---|
| 0.11 | 0.14 | 0 | 0.06 | 5.26 | 30.6 | 0 | 12.2 | 0 | 0 | 4.7 | 11.9 | 18.6 | 0 | E |

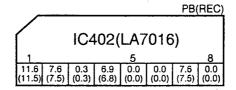
*Audio TR Voltage Sheet

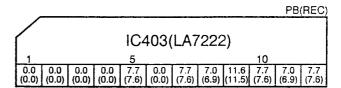
| PB/ | R | EC | ; N | Ю | tе |
|-----|---|----|-----|---|----|
|-----|---|----|-----|---|----|

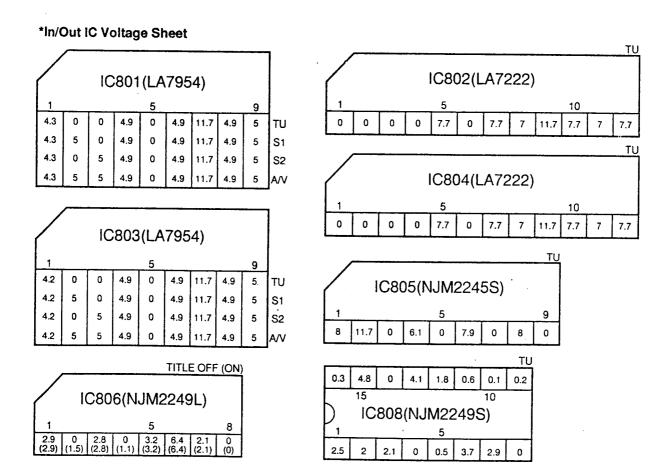
| PORT TR. NO | EMITTER | COLLECTOR | BASE |
|----------------|-----------|-----------|-----------|
| Q401 | 0.0/7.5 | 0.0/0.0 | 7.0/6.9 |
| Q402 | 11.6/11.5 | 7.4/7.3 | 10.9/10.8 |
| Q403 | 4.7/4.7 | 4.8/0.4 | 4.6/4.6 |
| Q404 | 0.0/0.4 | 8.9/8.8 | 0.0/0.8 |
| Q405 | 0.0/0.0 | 0.0/0.8 | 7.3/0.0 |
| Q406 | 0.0/0.0 | 7.3/0.0 | 0.0/4.6 |
| Q407 | 0.0/0.0 | 0.0/0.9 | 7.4/0.0 |
| Q408 | 0.0/0.0 | 7.4/0.0 | 0.0/4.9 |
| Q409 | 0.0/0.5 | 9.0/8.8 | 0.0/0.9 |
| Q410 | 9.0/8.9 | 11.6/11.5 | 9.5/9.5 |
| Q411 | 4.0/4.0 | 11.0/10.8 | 4.6/4.5 |
| Q420 | 0.0/0.0 | 0.0/7.5 | 4.9/0.0 |

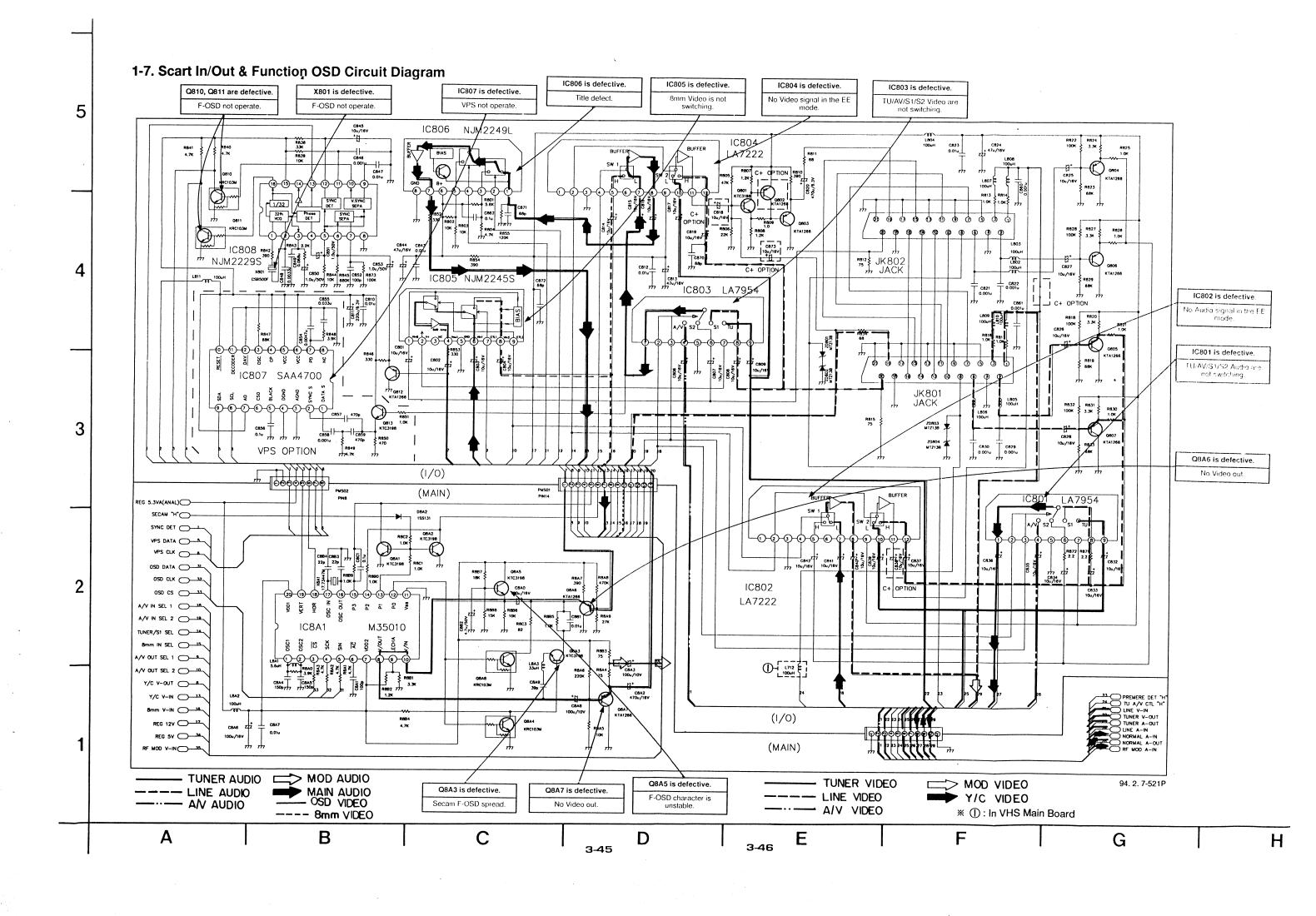
*Audio IC Voltage Sheet

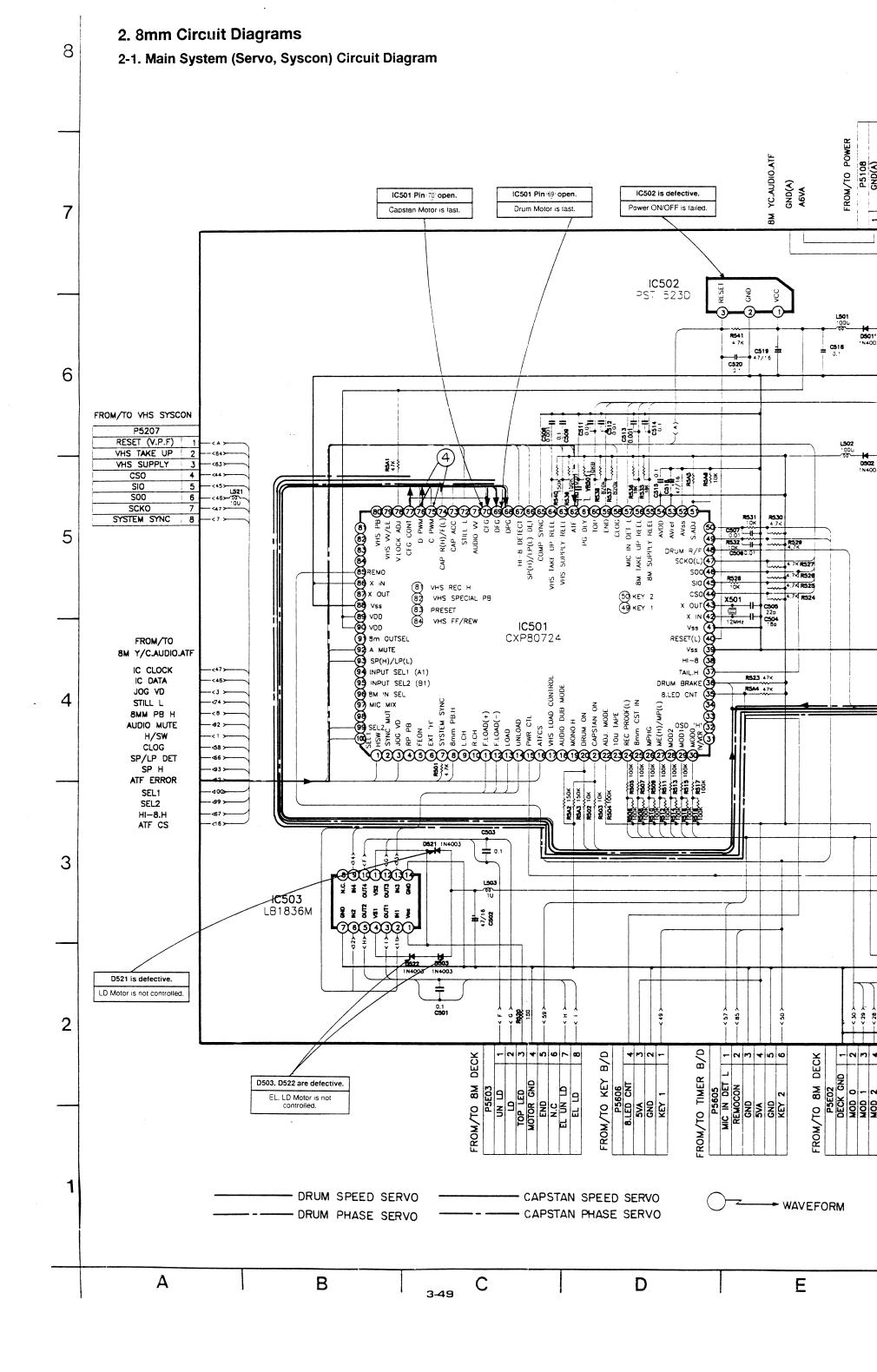


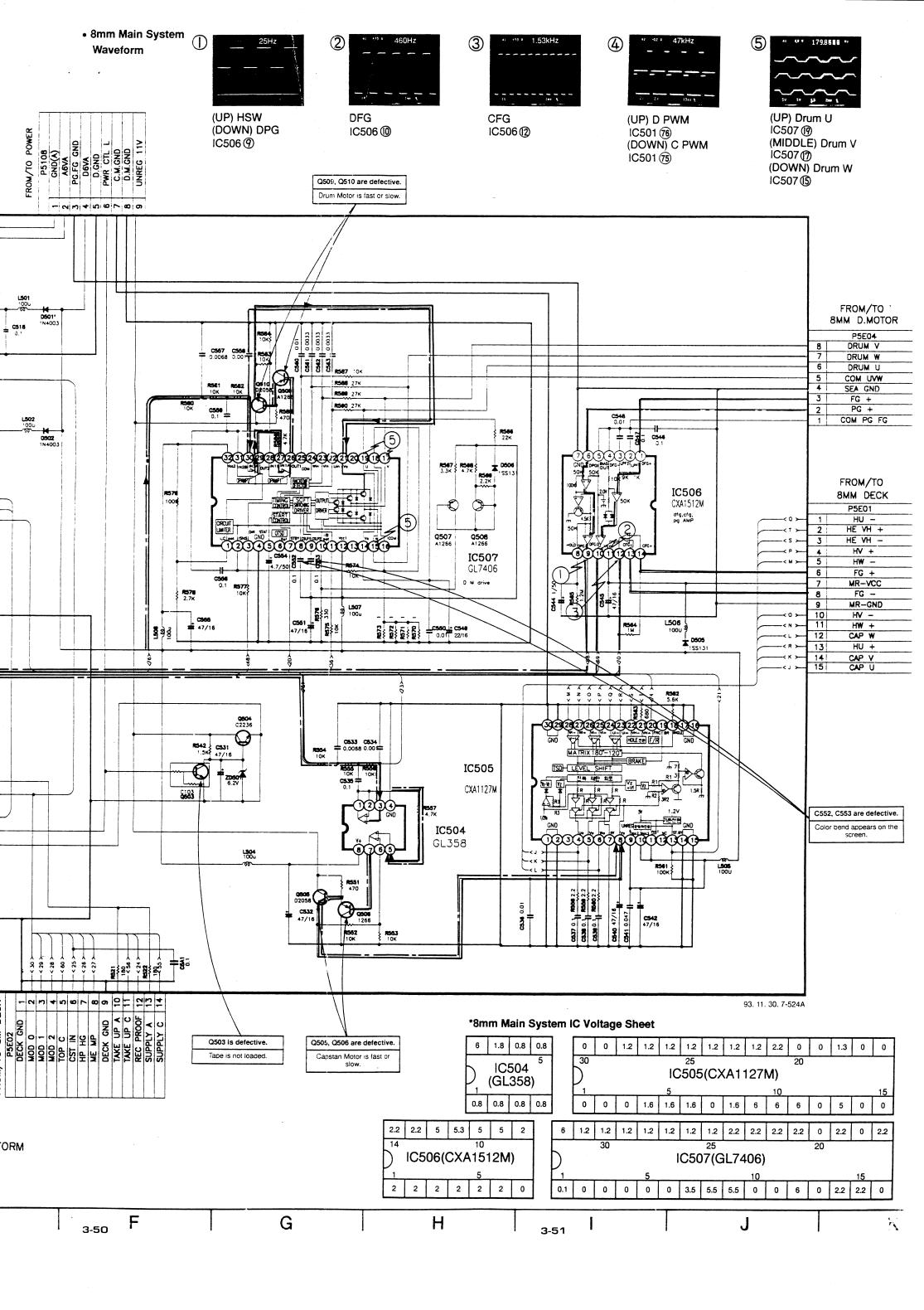


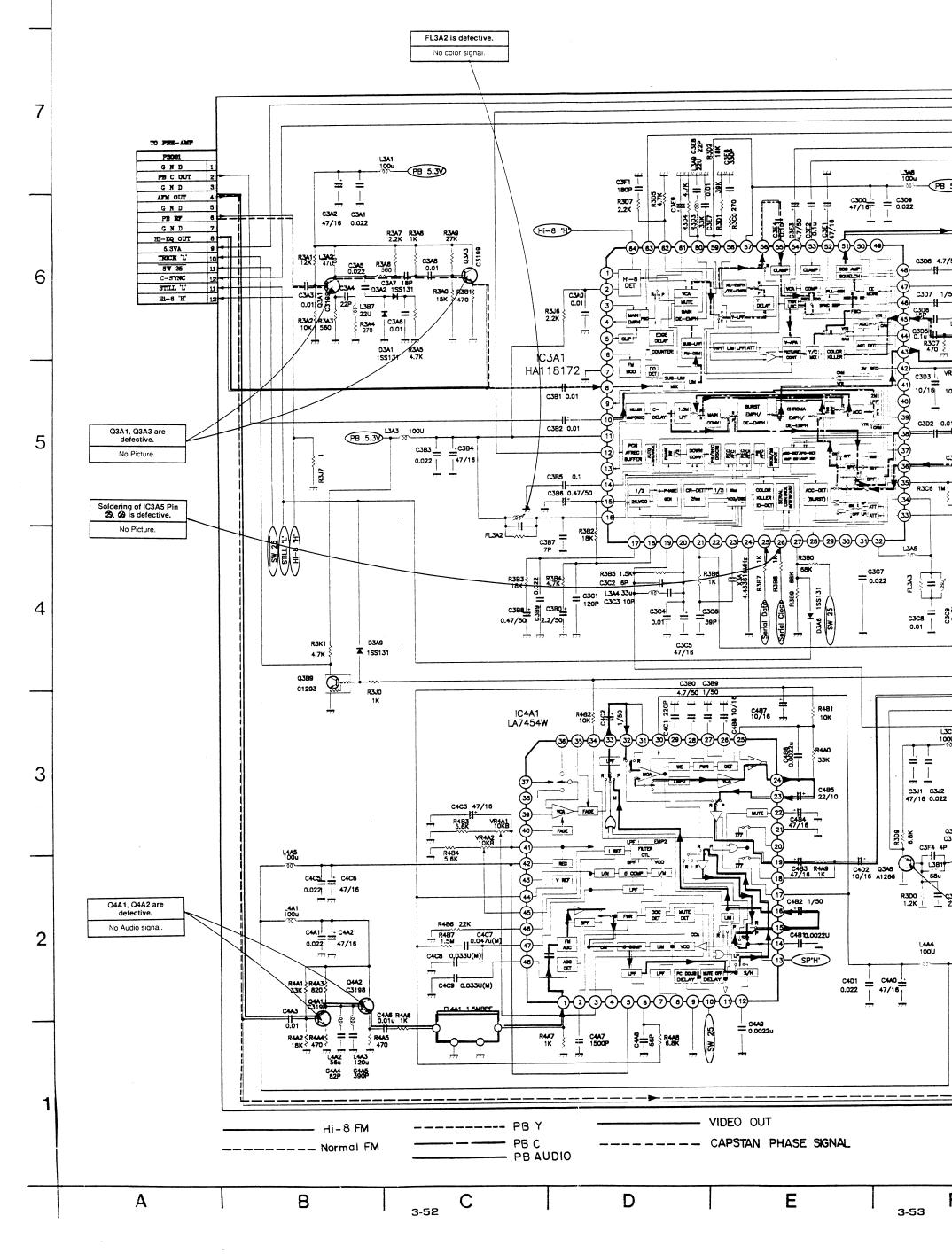


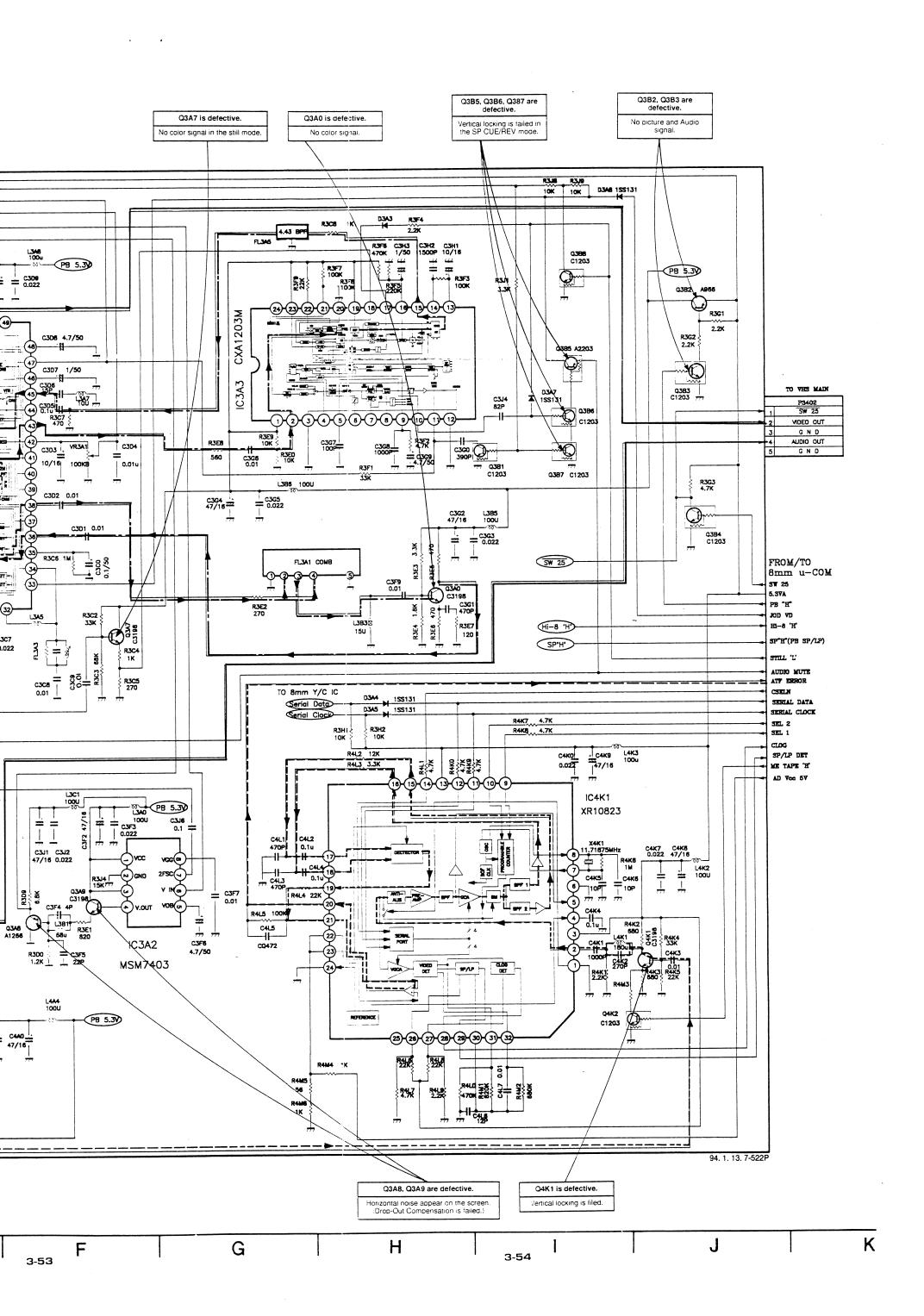












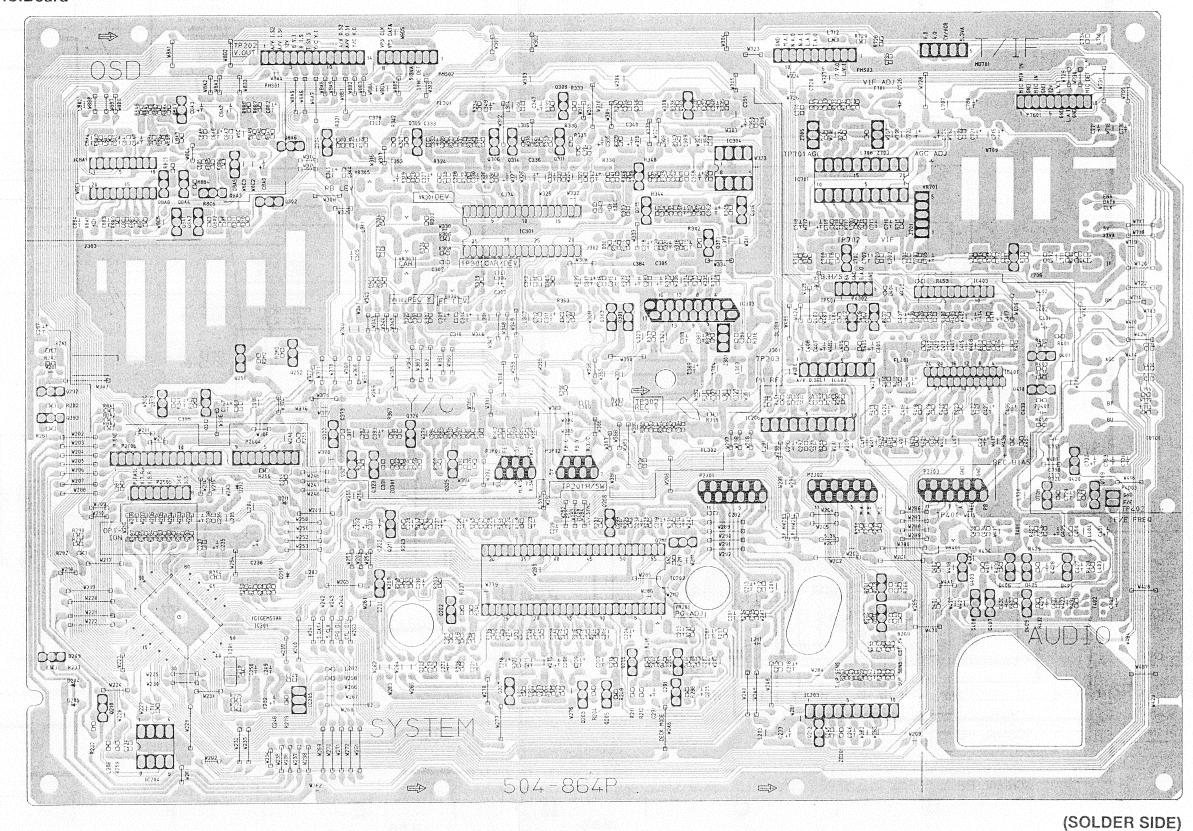
PRINTED CIRCUIT BOARD DIAGRAMS

В

A

C

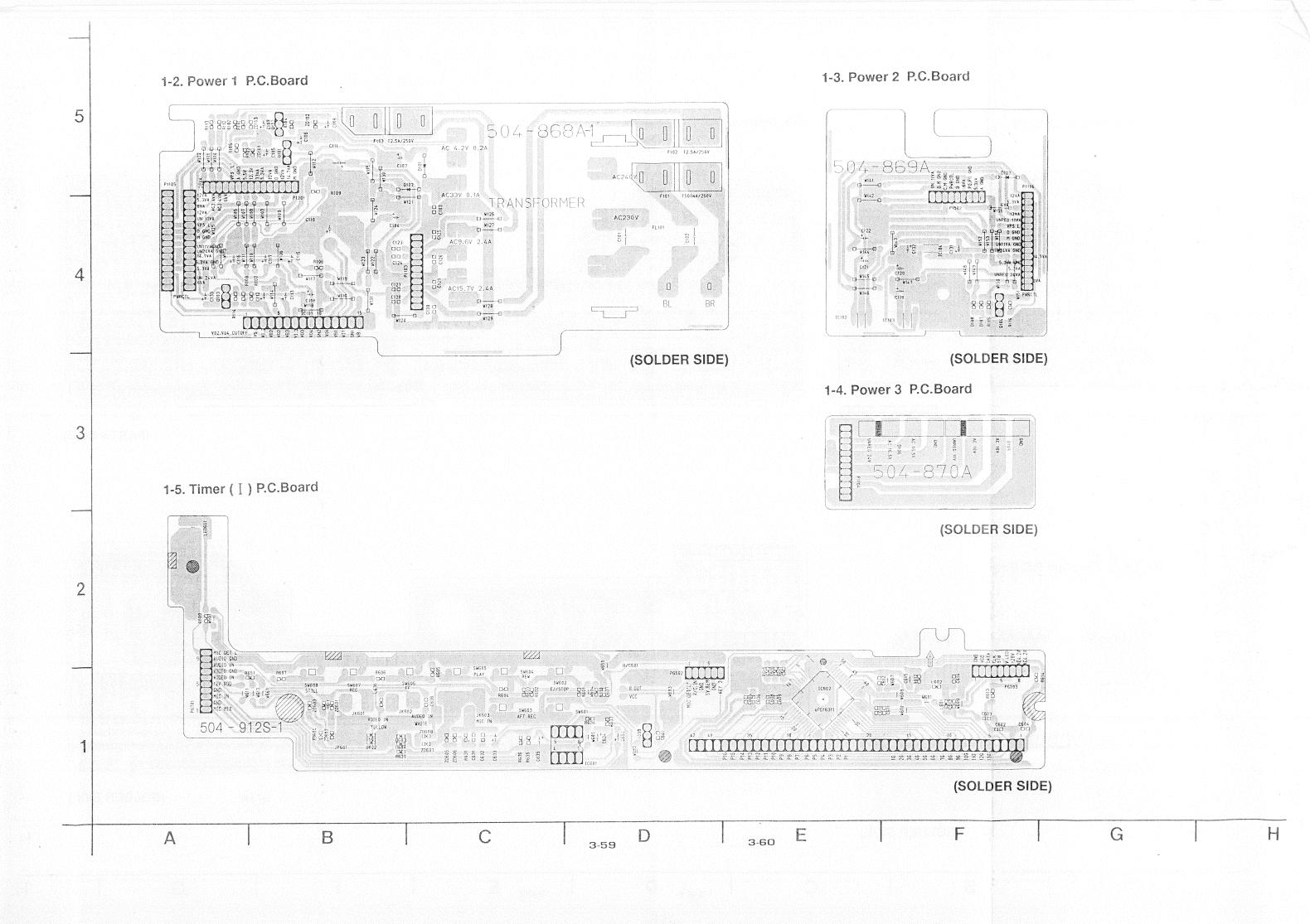
- 1. VHS Printed Circuit Board
- 1-1. Main P.C.Board

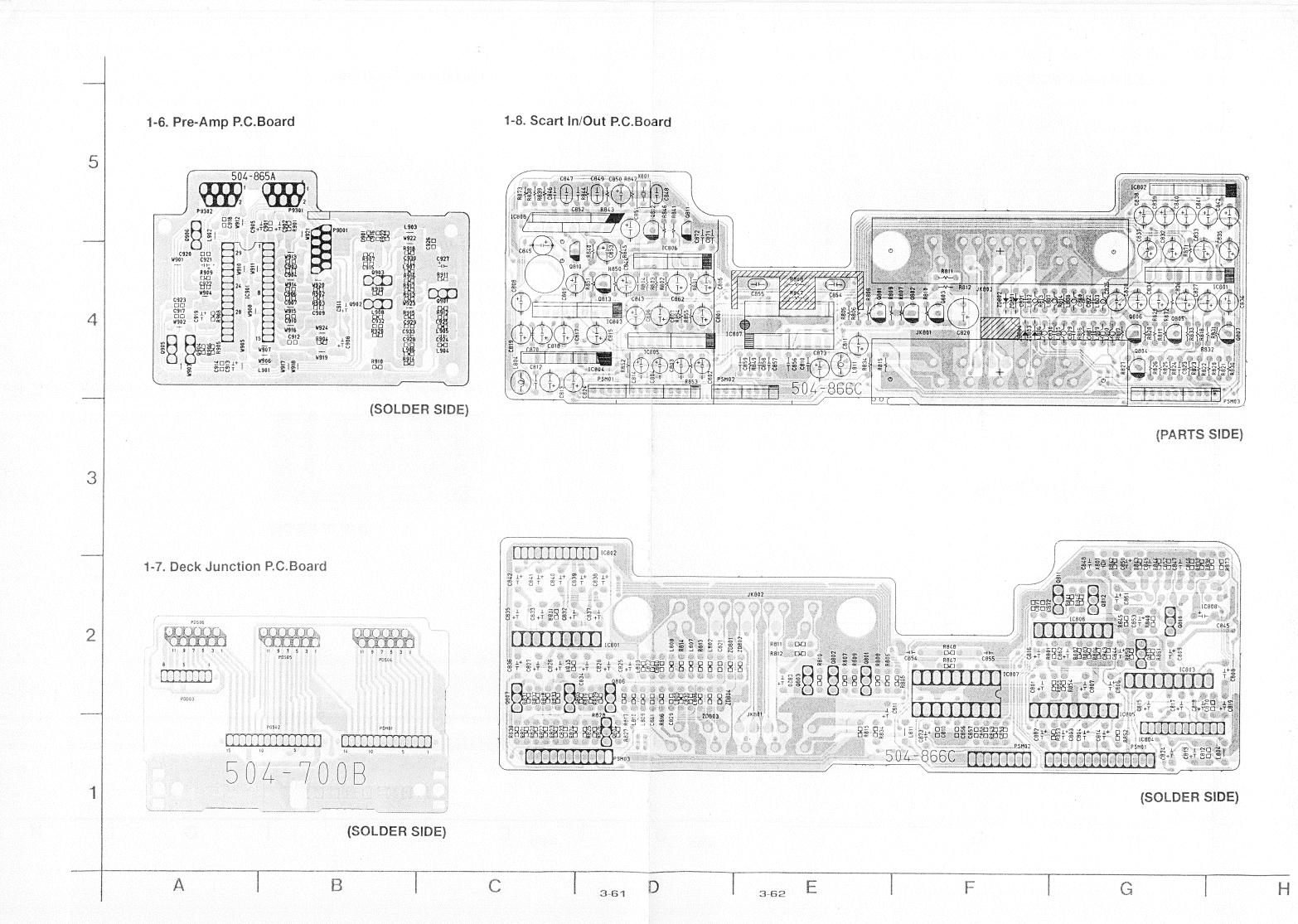


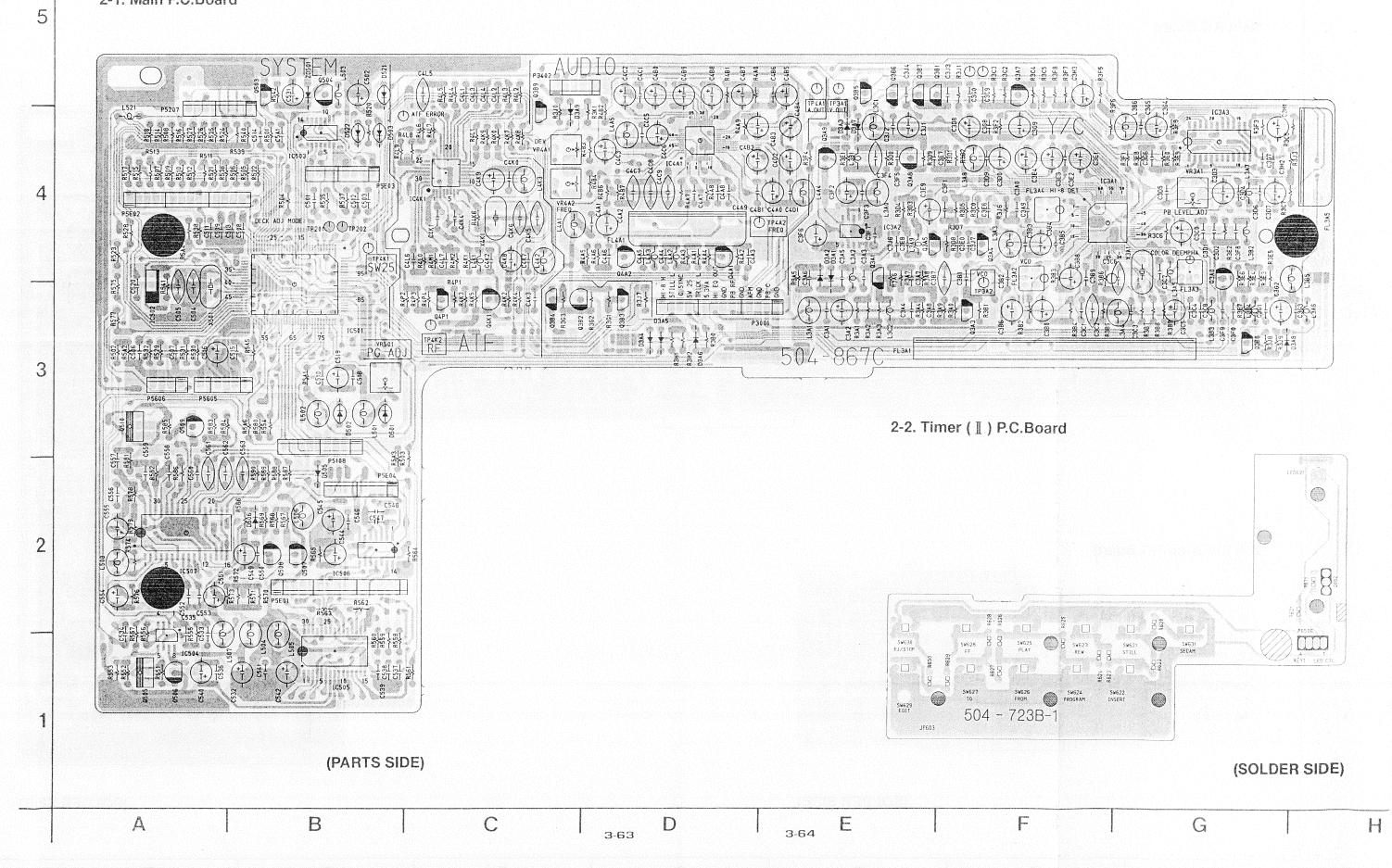
G

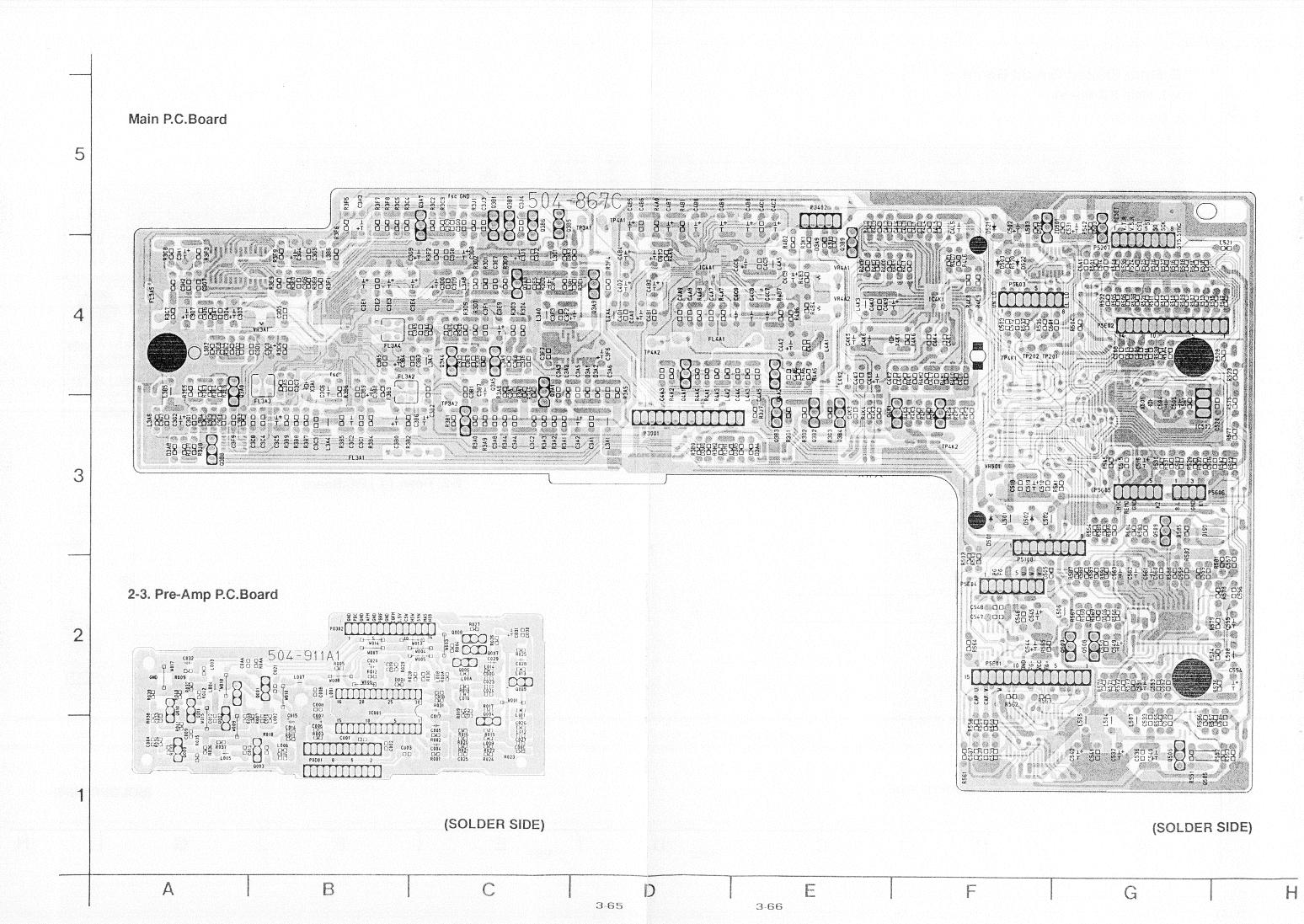
F

E









2-4. Deck Junction P.C.Board

(SOLDER SIDE)

A B C 3-67 D

SECTION 4

MECHANISM

GoldStar

VIIS SERVICE MANUAL

CONTENTS

SECTION 4-1

VHS DECK MECHANISM

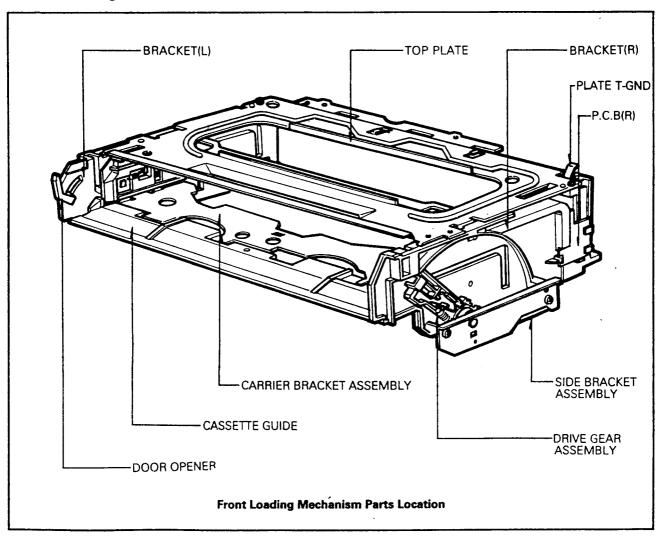
SECTION 4-2

8mm DECK MECHANISM



SECTION 4-1. VHS DECK MECHANISM FRONT LOADING MECHANISM DISASSEMBLY

• Front Loading Mechanism Parts Location



- Component list below will be discribed as if the top and bottom covers and the front panel have already been removed.
- 2. P.C.B Assembly
- 3. Top Plate
- 4. Carrier Bracket Assembly

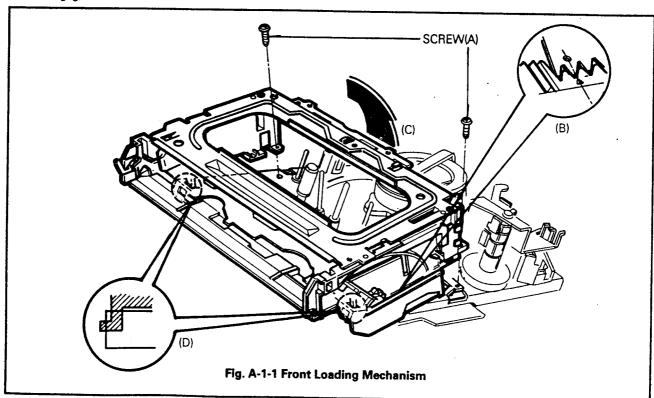
- 5. Cassette Guide
- 6. Side Bracket Assembly
- 7. Bracket(L), (R)
- 8. Door Opener
- 9. Drive Gear Assembly

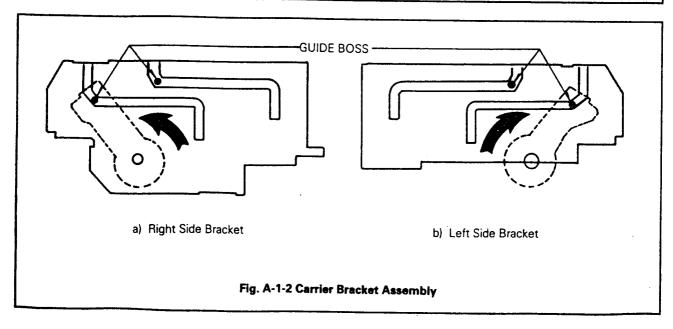
1. Front Loading Mechanism Assembly (Fig. A-1-1)

- 1) Remove the Top and Bottom Covers and the Front panel.
- 2) Unplug the connector.
- 3) Remove two screws(A).
- 4) Lift up the Front Loading Mechanism in the direction of arrow(C).

NOTE

- 1) When disassembling and reassembling
- ① Give special attention to removal, because two tabs(D) are engaged.
- ② Make sure that Bosses of Bracket(L),(R) are properly engaged in the holes of the chassis.
- ③ To reassemble Front Loading Mechanism, the Drive Gear Assembly should be turned in a counterclockwise as shown in Fig. A-1-2 so that the Rack Gear N.D of Front Loading Mechanism Assembly is meshed into Rack Gear F.L of Deck Mechanism Assembly correctly as shown in Fig. A-1-1.(B).





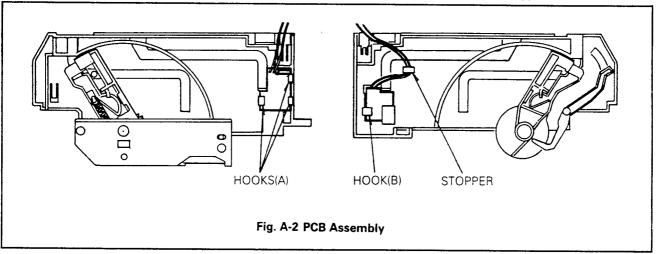
2. PCB(Printed Circuit Board) Assembly

2-1. P.C.B Assembly(R)(Fig. A-2)

- 1) Remove the PCB Assembly(R) by pushing three Hooks (A) outward.
- 2) Release the Lead wire from stoppers.

2-2. PCB Assembly(L).(Fig. A-2)

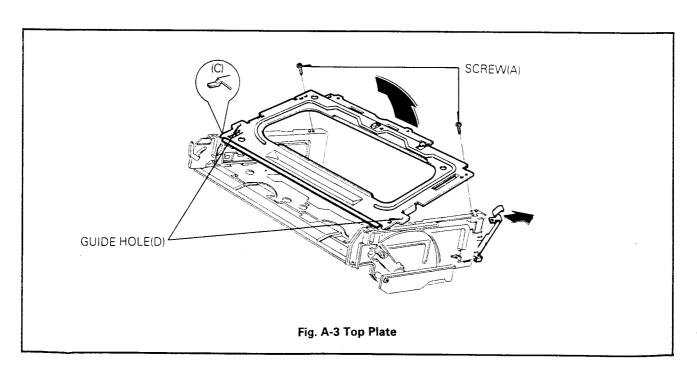
- Remove the PCB Assembly(L) by pushing the Hook(B) outward.
- 2) Release the Lead Wire from stoppers.



3. Top Plate(Fig. A-3)

- 1) Remove two screws(A).
- 2) Push the upper part of Top plate Ground and then lift up the Top Plate.

- 1) When reassembling, be certain that the tabs(C) of Top Plate is in both Bracket(L),(R).
- ① Then align the guide holes(D) of Top Plate with Bosses of side Bracket(L),(R).



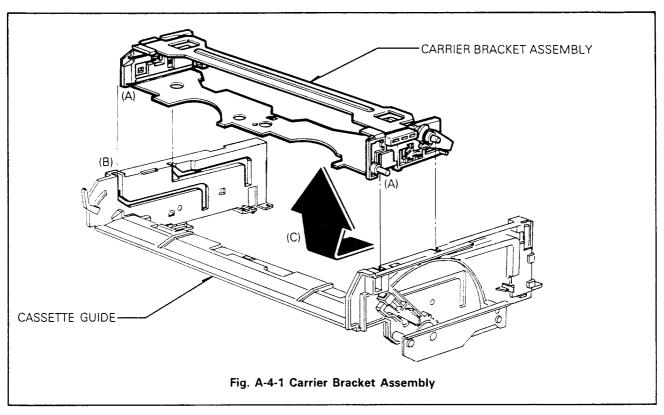
4. Carrier Bracket Assembly

4-1. Carrier Bracket Assembly(Fig. A-4-1)

1) Remove the Carrier Bracket Assembly by moving it in the direction of arrow(C).

* NOTE

1) When reassembling, be sure that parts(A) of Carrier Bracket Assembly are seated in parts(B) of Bracket(L),(R).



4-2. Cassette Opener(Fig. A-4-2)

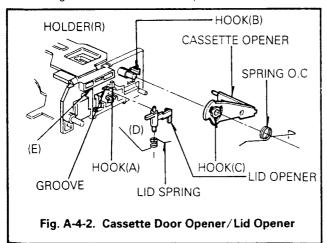
- 1) Release the spring O.C from the Hook(A) and then release it from Hook(C) of cassette opener.
- 2) Remove the cassette opener by releasing the Hook(B) from the Holder(R).

4-3. Lid Opener(Fig. A-4-2)

1) Remove the lid opener by pushing it outward.

* NOTE

1) When reassembling, seat the upper part of the lid opener in the grooved of Holder(R) and push it inward.

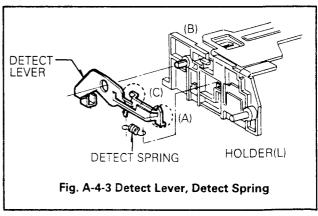


4-4. Detect Lever and Detect Spring

- 1) Remove the spring detect.
- 2) Lower the side(A) of Detect Lever and then remove the Detect Lever by pushing it outward.

* NOTE

1) When reassembling, make sure that the part(C) of Detect Lever set in the part(B) of Holder(R).

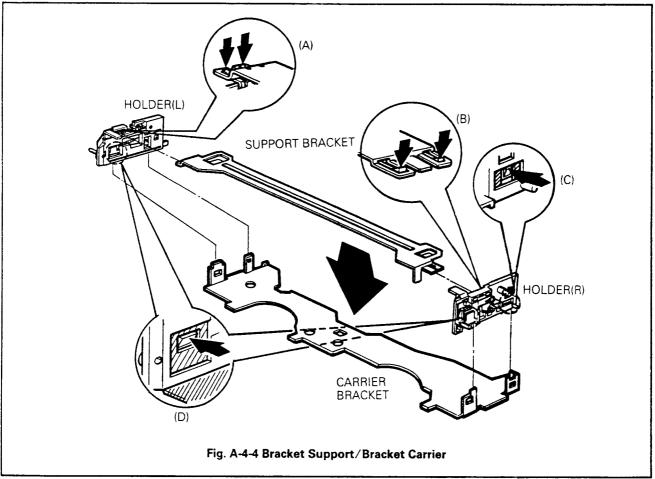


4-5. Bracket Support (Fig. A-4-4)

1) Take the Support Bracket out by releasing hooks(A),(B).

* NOTE

1) When disassembling and reassembling, be careful because heavy force can damage the hooks.



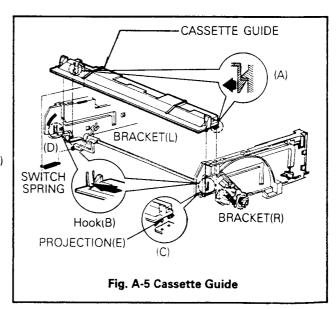
4-6. Carrier Bracket Assembly(Fig. A-4-4)

1) Remove the Carrier Bracket by releasing hooks(C),(D).

5. Cassette Guide(Fig. A-5)

- 1) Remove the Switch Spring with the Front Loading Mechanism Assembly turned over.
- 2) Push two hooks(B) outward.
- 3) Remove the Cassette Guide by pushing two hooks(A). outward(if one is removed, the other will be easy to remove)

- 1) When reassembling
- ① Seat projections(E) of Cassette Guide in holes of Bracket Assembly(L),(R) and then engage the Hook(A).
- ② After finishing previous step, fix the Cassette Guide to the Bracket Assembly(L),(R) by pushing two hooks(B) inward.

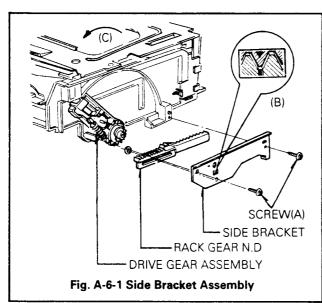


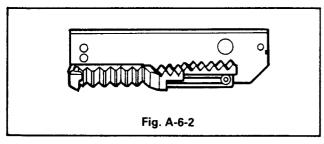
6. Bracket Assembly Side (Fig. A-6-1)

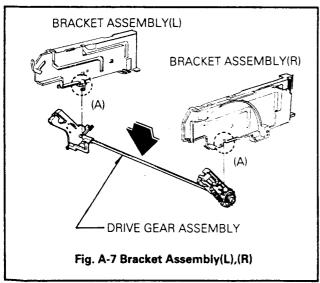
 Remove two screws(A) and then remove the Side Bracket Assembly and the Rack Gear N.D.

* NOTE

- 1) When reassembling
- ① Turn the Drive Gear Assembly in the direction of arrow (C).
- ② Reassemble the Rack Gear N.D. to the Side Bracket Assembly, as shown in Fig. A-6-2, and then reassemble







it to the Bracket Assembly(L), This time the Assembling Figure should be the same as(B) at the rectangular hole of Bracket Side.

7. Bracket Assembly(L),(R)(Fig. A-7)

 Seperate the Bracket Assembly(L),(R) from the Gear Assembly Drive.

* NOTE

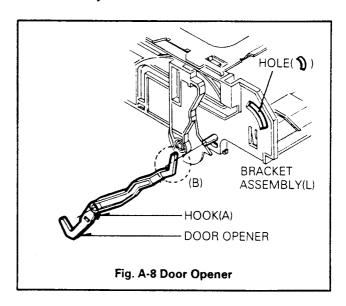
When reassembling, seat the shaft in the part(A) of Bracket Assembly(L).(R).

8. Door Opener(Fig. A-8)

1) Remove the Door Opener by pushing Hook(A) outward.

NOTE

1) When reassembling, seat the part(B) of Door Opener in the hole() of Bracket(L).



9. Drive Gear Assembly

9-1. Drive Gear Assembly(Fig. A-9-1)

1) Remove the Drive Gear Assembly from the Bracket Assembly(L),(R).

9-2. Cushion Spring(Fig. A-9-1)

1) Remove the cushion spring from the Gear R.

9-3. Cap-D(Fig. A-9-1)

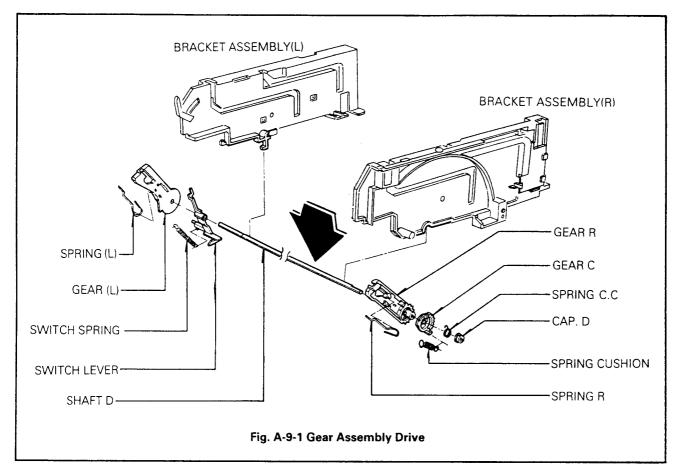
1) Remove the Cap-D by lifting it up.

9-4. Spring C.C(Fig. A-9-1)

1) Remove the Spring C.C from the Gear R.

9-5. Gear C(Fig. A-9-1)

1) Remove the Gear C by lifting up when the projection of Gear C is aligned with the hole of Gear R while rotating the Gear C in the counterclockwise direction.



* NOTE

1) When reassembling, seat the projections of Gear R in the holes of Gear C when the projection of Gear R is aligned with the hole of Gear C, and then keep the Gear C turned in the clockwise direction.

9-6. Gear R(Fig. A-9-1)

1) Lift up the Gear R from the Shaft.

9-7. Spring R(Fig. A-9-2)

1) Remove the Spring R by releasing Hooks.

* NOTE

1) When reassembling, be certain Spring R in the part(A) of Gear R.

9-8. Gear L.(Fig. A-9-1)

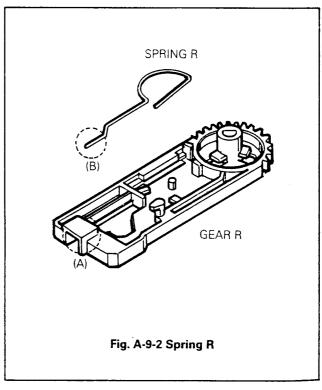
1) Remove the Gear L from the shaft.

9-9. Spring L (Fig. A-9-2)

- 1) Remove the Spring L by releasing Hooks from the Gear
- * NOTE: (Refer to the Spring R Section)

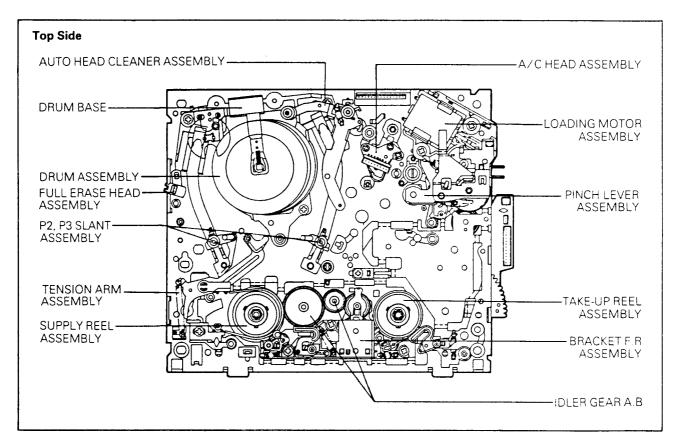
9-10. Switch Lever(Fig. A-9-1)

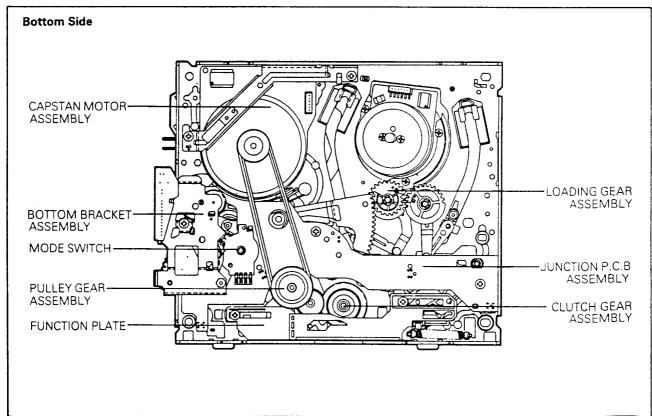
1) Remove the Switch Lever from the shaft.



DECK MECHANISM DISASSEMBLY

• Deck Mechanism Parts Location



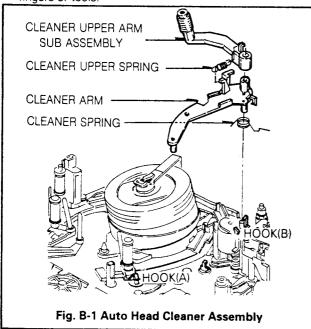


1. Auto Head Cleaner Assembly (Fig. B-1) (Optional Item)

- 1) Remove the Cleaner Arm Assembly (Auto Head Cleaner Assembly) by pushing the Locking Tab.(B) outward.
- 2) Remove the Cleaner Upper Spring and then remove the Cleaner Upper Arm Sub Assembly.
- 3) Remove the Cleaner Spring.

* NOTE

1) When reassembling, do not touch the Video Head Tip with fingers or tools.



2. Drum Assembly and Drum Base(Fig. B-2)

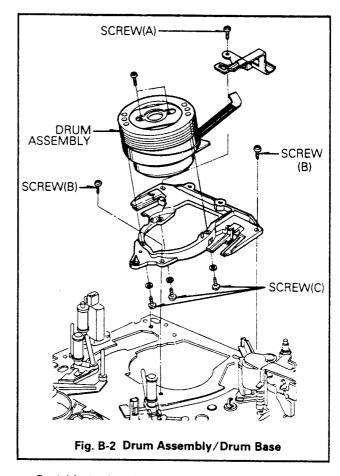
- 1) Remove the Auto Head Cleaner Assembly.
- 2) Unplug the connector with the Deck Mechanism Assembly turned over.
- 3) Loosen the screw(A) and then lift up the Drum Brush.
- 4) Remove two screws(B) and then lift up the Drum Assembly and Drum Base from the Deck Mechanism Assembly.
- 5) Separate the Drum Assembly from the Drum Base by Loosening three screws(C) on the back of Drum Base.

* NOTE

- 1) When disassembling and reassembling
- ① Do not touch the Video Head tip with fingers or tools. (Give special attention to disassembling and reassembling of Auto Head Cleaner Assembly)
- ② After reinstalling the Drum Brush, the Drum Brush should be aligned with the center of vertical axis of Drum Assembly.
- 3 After completing the reassembly, adjust the transportation system and the Servo P.G.

3. Upper and Lower Drum Assembly (Fig. B-3)

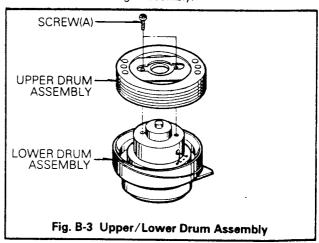
1) Remove the Drum Assembly and Drum Base from the



Deck Mechanism Assembly.

- 2) Separate the Drum Assembly from the Drum Base.
- 3) Remove two screws(A).
- 4) Remove the P.C.B.
- 5) Separate the upper Drum Assembly from the Lower Drum Assembly.

- 1) When disassembling and reassembling
- ① Do not touch the Video Head Tip with fingers or tools.
- ② Make sure that the color(white) marked on the P.C.B of the upper Drum should coincide with the color(Green) marked on the Flange Assembly.

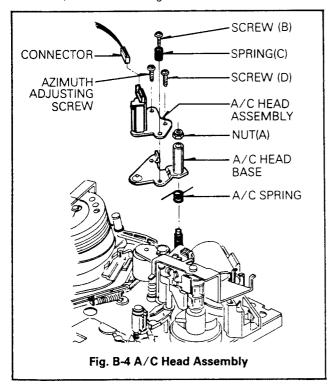


4. A/C(Audio/Control) Head Assembly (Fig.B-4)

- 1) Unplug the connector
- Remove the Nut(A), and then lift up the A/C Head Assembly
- 3) Remove the Azimuth Adjusting Screw.
- 4) Remove two screws(B),(D) and then separate the A/C Head Assembly from the Base A/C Head Assembly.

* NOTE

- 1) When disassembling
- First of all, release the spring A/C.
- ② Do not touch the A/C Head Tip with fingers or tools.
- 3 After reinstalling the Audio Control Head Assembly, adjust the Tilt, Azimuth and Height of A/C Head.

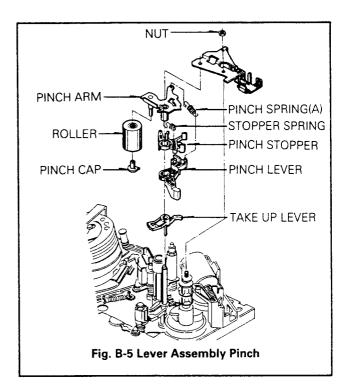


5. Pinch Lever Assembly(Fig. B-5)

- 1) Remove one Nut, and then remove the Dew Bracket.
- 2) Lift up Pinch Lever Assembly.
- 3) Remove the Pinch Spring, and remove the Pinch Lever.
- 4) Remove the Stopper Spring and remove the Pinch Stopper by lifting it up when the Hook of Pinch Stopper is aligned with the hole of Pinch Arm while rotating the Pinch Stopper in the counterclockwise direction.
- 5) Remove the Pinch Cap, and then remove the Pinch Roller Assembly.

* NOTE

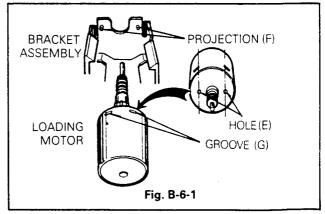
- 1) When disassembling and reassembling
- ① Be careful not to get any foreign substance on the Roller.
- ② When disassembling the Pinch Cap, be careful not to damage the Pinch Arm.

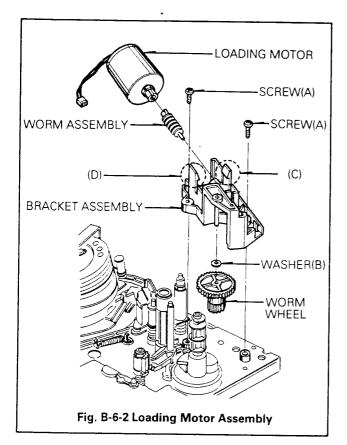


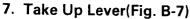
6. Loading Motor Assembly(Fig. B-6-1, B-6-2)

- 1) Remove the Dew Bracket.
- 2) Unplug the connector from the Junction P.C.B Assembly
- 3) Remove two screws(A).
- 4) Remove the worm wheel by pushing it down.
- 5) Remove the Loading Motor Assembly by pushing(C) and (D) outward.
- 6) Remove the worm Gear Assembly from the Loading Motor Assembly by pushing it.

- 1) When reassembling
- ① Make sure that the worm assembly is seated in the axis of Loading Motor.
- ② Two grooves(G) of Loading Motor should be turned up and two projections(F) of Bracket Assembly should be seated in each at the two holes(E)(Fig. B-6-1).
- 3 Take notice of the polarity of the Loading Motor.







- 1) Remove the Dew Bracket.
- 2) Remove the Pinch Lever Assembly.
- 3) Remove the Take-Up Lever by pushing the hook(A) outward.

* NOTE

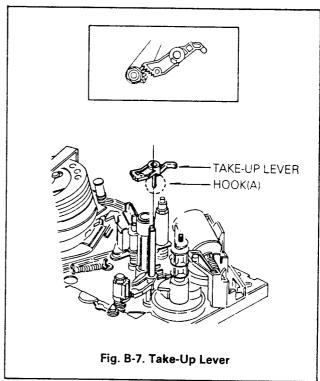
- 1) When disassembling and reassembling
- ① When disassembling the Take-Up Lever, be careful not to break the Hook(A).
- When reassemble the Take-Up Lever, align the appendant Gear of Lever Take-Up with the appendant Gear of Takeup Arm
- 3 Reassemble the Take-Up Lever completely by hooking (A).

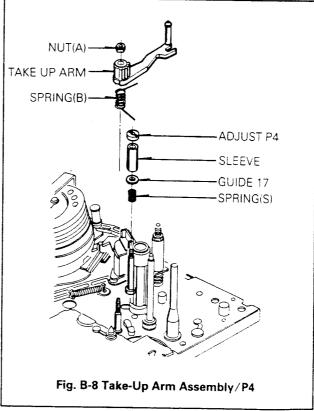
8. Take Up Arm Assembly(Fig. B-8)

- Remove the Dew Bracket, Pinch Gear, and the Take-Up Lever
- 2) Remove one Nut(A).
- 3) Remove the Take-Up Arm Assembly by lifting it up.
- 4) Remove the spring(B).

* NOTE

- 1) When reassembling
- ① Align the Gear of Take-Up Arm with the Gear of Take-Up Lever.





9. P4 Assembly(Fig. B-8)

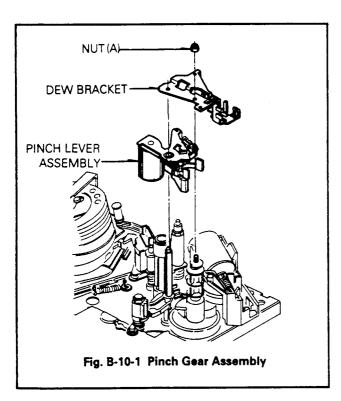
- 1) Remove the Adjust P4.
- 2) Remove the Sleeve
- 3) Remove the Guide 17.
- 4) Remove the Spring

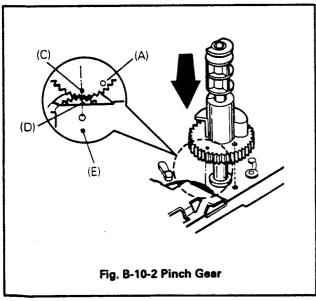
10. Pinch Gear

- 1) Remove one Nut(A) and then remove the Dew Bracket.
- 2) Remove the Pinch Lever Assembly by lifting it up.
- 3) Remove the Loading Motor Assembly.
- 4) Remove the Take Up Lever.
- 5) Remove the Pinch Gear Assembly.

NOTE

1) When reassembling, align the hole(A) of Pinch Gear with the hole of chassis, and the hole(C) of Pinch Gear with the groove(D) of the P.C.Gear. Hole(E) of chassis should be aligned with the hole of P.C.Gear.





11. FE(Full Erase) Head Assembly(Fig. B-11) (Optional Item)

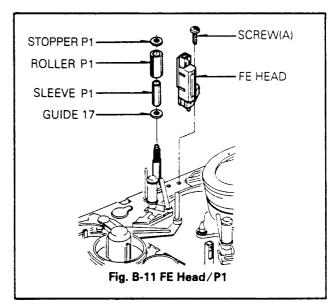
- 1) Unplug the connector.
- 2) Remove one screw(A), and then remove the FE Head.

NOTE

- 1) When disassembling and reassembling
- ① Do not touch the Video Head Tip with fingers or tools.

12. P1 Assembly(Fig. B-11)

- 1) Remove the Stopper P1.
- 2) Remove the Roller P1.
- 3) Remove the Sleeve P1.
- 4) Remove the Guide 17.

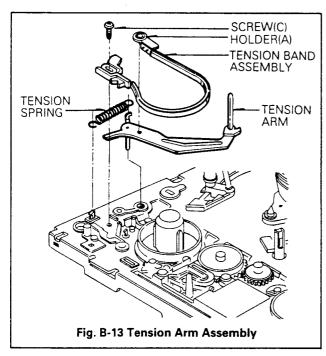


13. Tension Arm Assembly(Fig. B-13)

- 1) Remove one screw(C).
- 2) Remove the Tension Spring.
- Remove the Tension Arm Assembly by pushing hooks outward with the Deck Mechanism Assembly turned over.
- 4) Remove the Tension Band Assembly from the Tension Arm by pushing Hooks of Holder(A).

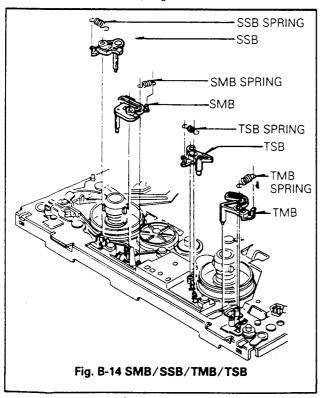
• NOTE

 When disasembling and reassembling, give special attention to the disassembling and reassembling of Tension Arm Assembly, because the Tension Band is interposed between the Supply Reel and the Soft Brake.



14. Supply Soft/Supply Main/Take-Up Soft/Take-Up Main Brake Assembly

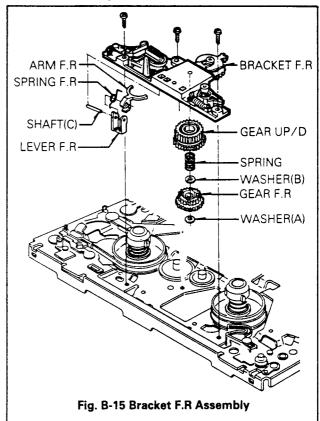
- 1) Supply Soft Brake(SSB)
 - ① Remove the SSB Spring.
 - Remove the SSB.
- 2) Supply Main Brake(SMB)
 - ① Remove the SMB Spring.
 - ② Remove the SMB.
- 3) Take Up Soft Brake(TSB)
 - ① Remove the TSB Spring.



- 2 Remove the TSB.
- 4) Take-Up Main Brake(TMB)
 - ① Remove the TMB Spring.
 - ② Remove the TMB.

15. Bracket F/R(FF/Rewind) Assembly (Fig. B-15)

- 1) Remove the TMB.
- 2) Remove the Washer(A), and then remove the Gear F.R.
- 3) Remove three screws, and then remove Bracket F/R Assembly from the Deck Mechanism Assembly.
- 4) Remove the Washer(B), and spring Up/D, and then remove the Gear Up/D.
- 5) Remove the shaft(C), and then remove the Arm F.R, Lever F.R and Spring F.R.



16. Supply Reel Assembly(Fig. B-16)

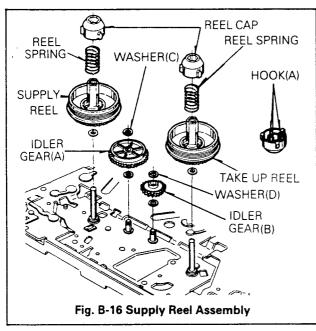
- 1) Remove the Tension Band Assembly.
- 2) Remove the Bracket F/R.
- 3) Lift up the Supply Reel Assembly from the Deck Mechanism Assembly.
- 4) Separate the Reel Cap from the Supply Reel by taking it out of Hooks(A).

17. Take Up Reel Assembly(Fig. B-16)

- 1) Remove the TMB(Fig. B-14)
- 2) Lift up the Take-up Reel Assembly from the Deck Mechanism Assembly.
- 3) Separate the Reel Cap and Spring from the Take-Up Reel by releasing Hooks(S).

* NOTE

- 1) When reassembling
- Make sure that the Supply and Take Up Reel are not exchanged.
- ② After reinstalling the Supply Reel Assembly, Adjust the Tension.

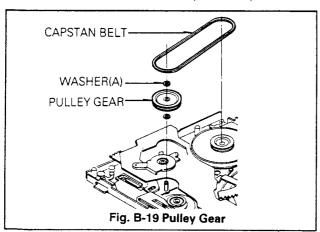


18. Idler Gear(A), (B)(Fig. B-16)

- After removing the Supply Reel, and supply Main Brake Assembly, remove the washer(C) and remove the Idler Gear(A).
- 2) Remove the Washer(D) and remove the Idler Gear(B).

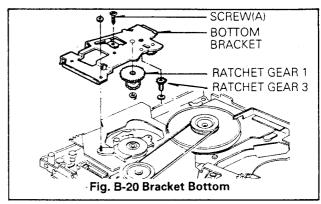
19. Pulley Gear Assembly (Fig. B-19)

- 1) Turn over the Deck Mechanism Assembly.
- 2) Remove the Capstan Belt.
- 3) Remove the Washer(A) and lift up the Pulley Gear.



20. Bracket Bottom Assembly (Fig. B-20)

- 1) Remove one screw(A).
- Remove one Hexagonal Nut, and then lift up the Bracket Bottom Assembly.
- 3) Remove one Washer, and lift up the Ratchet Gear 1.



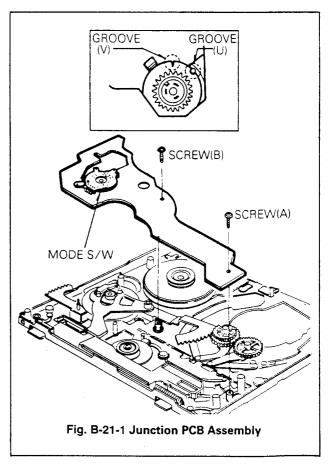
4) Remove the washer, and then remove Ratchet Gear 3 from the Bottom Bracket.

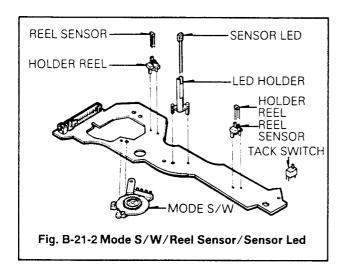
21. Junction PCB(Printed Circuit Board) Assembly (Fig. B-21-1)

- 1) Remove the Bottom Bracket Assembly.
- 2) Remove two screws(A),(B) and then remove the Junction P.C.B Assembly.
- Remove the Mode Switch from the Junction P.C.B Assembly.
- 4) Remove the Reel Sensors, Sensor LEDS and each holder from the Junction P.C.B(Fig. B-21-2).

* NOTE

 When reassembling the Mode Switch, the groove(V) and (U) of Mode Switch should be at their original place in the Eject Mode.



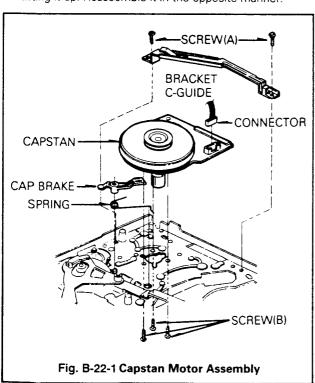


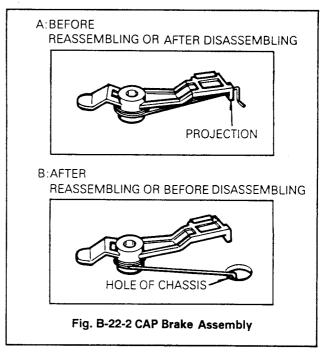
22. Capstan Motor and Brake Assembly (Fig. B-22-1)

- 1) Remove the Junction P.C.B Assembly
- 2) Hook the end of Capstan Brake Spring to the projection of Capstan Brake and then remove the Capstan Brake Assembly by lifting it up(Fig. B-22-2).
- 3) Remove two Screws(A), and then remove the Bracket C-Guide.
- 4) Remove the Connector.
- 5) Remove three screws(B), and then remove the Capstan Motor Assembly from the Deck Mechanism Assembly.

* NOTE

1) When disassembling and reassembling, hook end of the spring on the projection of Cap-Brake and remove it by lifting it up. Reassemble it in the opposite manner.



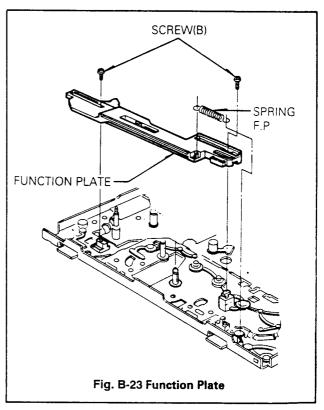


23. Function Plate(Fig. B-23)

- 1) Remove two screws(B) in Eject Mode.
- 2) Remove the Function Plate Spring.
- 3) Remove the Function Plate.

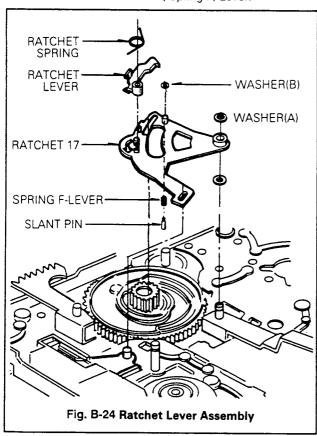
* NOTE

 When reassembling the groove of Lower part of Function Plate should be aligned with the shaft of Tension Lever Assembly (Fig. B-29).



24. Ratchet Lever Assembly (Fig. B-24)

- 1) Remove the Function Plate.
- 2) Remove the Junction P.C.B Assembly.
- 3) Remove the Washer(A) and then remove the Ratchet Lever Assembly.
- 4) Remove the Ratchet Spring.
- 5) Remove the Ratchet Lever from the Ratchet 17 by lifting it up when the hook of it is aligned with the hole of Ratchet 17 while rotating it counterclockwise direction.
- 6) Remove the Washer(B), and turn over the Ratchet 17 and then remove the Slant Pin, Spring F, Lever.

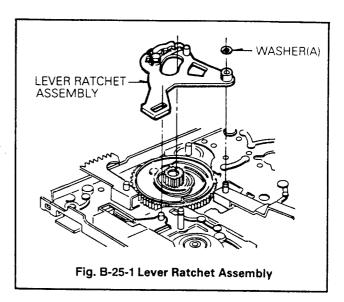


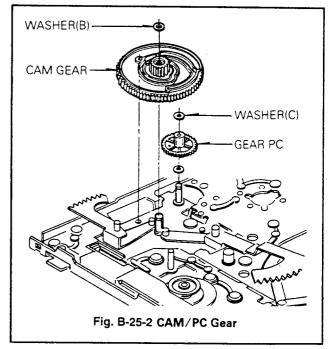
25. Cam Gear/Rack Gear T/Rack Gear FL (Fig. B-25-2)

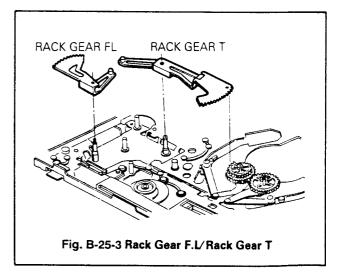
- 1) Remove the washer(A) and remove the Ratchet Lever Assembly. (Fig. B-25-1).
- 2) Remove the washer(B), and then remove the Cam Gear (Fig. B-25-2).
- 3) Remove the Rack Gear F.L. (Fig. B-25-3).
- 4) Remove the Rack Gear T. (Fig. B-25-3).

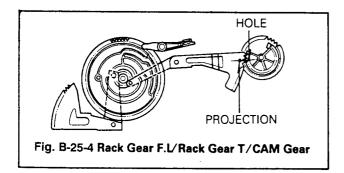
* NOTE

- 1) When reassembling
- Align the Projection of Rack Gear T with the hole of Loading Gear.
- ② Drive the Rack Gear F.L in the direction of arrow(D).
- ③ Hole of Cam should be aligned with the hole of chassis, and the groove(■) of Cam Gear should be aligned with the hole of PC Gear (Fig. B-26).







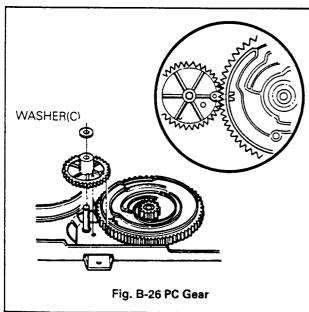


26. PC Gear(Fig. B-26)

- 1) Remove the washer(C).
- 2) Remove the P.C Gear by lifting it up.

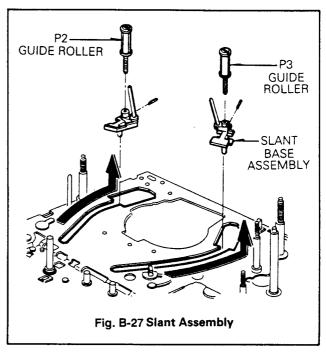
* NOTE

- 1) When reassembling
- ① The Groove of PC Gear should be aligned with the groove(V) of Cam Gear, and another hole of it should be aligned with the hole of chassis (Fig. B-26).



27. P2 and P3 Slant Assembly (Fig. B-27)

- After finishing the disassembly of Drum Assembly, remove the P2 and P3 Slant Assembly by turning the Loading Gear(R) in the clockwise direction. (Loading direction)
- 2) Loosen the set screws.
- 3) Remove the Roller Guide from the Slant Base.



* NOTE

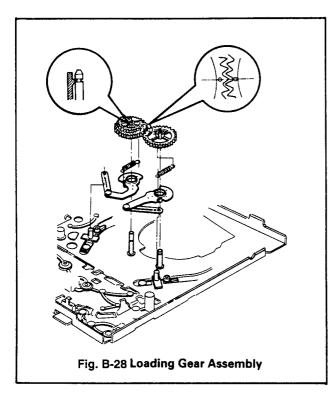
- 1) When disassembling and reassembling
- ① Use a Hexagonal wrehch to remove set screw.
- ② Take notice that the P2 and P3 Slant Assembly should not be changed from their original place.

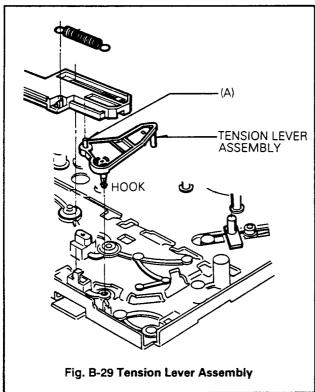
28. Loading Gear Assembly(L),(R) (Fig. B-28)

- 1) Remove the Cam Gear, Rack-T.
- 2) Remove the P2 and P3 Slant Assembly by turning the Loading Gear(L),(R) in the Loading direction
- Lift up the Loading Gear Assembly(L),(R) from the Deck Mechanism Assembly.
- 4) Remove the Spring Load(L),(R).
- 5) Separate the Loading Gear(L), (R) from Lever Load(L),(R).

* NOTE

- 1) When reassembling
- ① Make sure that the Loading Gear(L) and (R) should not be changed from their original place.
- ② Align the groove of Loading Gear(L),(O) with the groove of Gear(R),(O).





29. Tension Lever Assembly (Fig. B-29)

- 1) Remove the Function Plate.
- Remove the Tension Lever Assembly by pushing hooks inward.

* NOTE

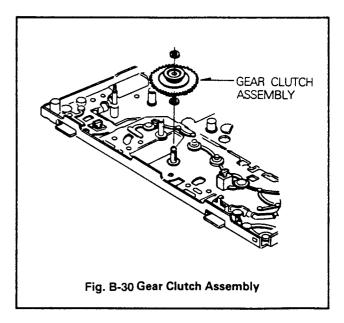
- 1) When reassembling
- ① Set the part(A) of Tension Lever Assembly in the groove of Lower part of Function Plate.
- ② After reinstalling the Tension Lever Assembly, adjust the Tension Post and the Tension with a Tension Cassette.

30. Clutch Gear Assembly (Fig. B-30)

- 1) Remove the Pulley Gear.
- 2) Remove the Plate Function.
- 3) Remove the washer(A), and then remove the Clutch Gear Assembly.

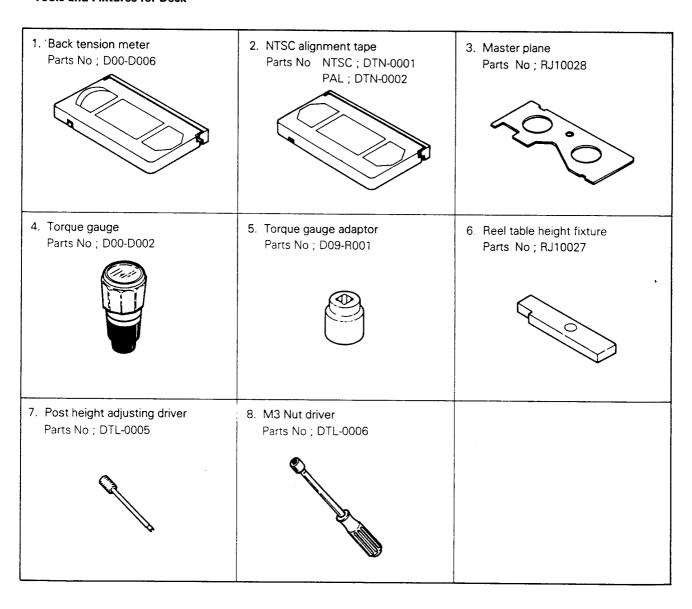
* NOTE

- 1) When reassembling
- ① Do not disassemble the Clutch Gear Assembly any futher, because Torque adjustment is not adjustible.



MECHANISM ADJUSTMENTS

• Tools and Fixtures for Deck



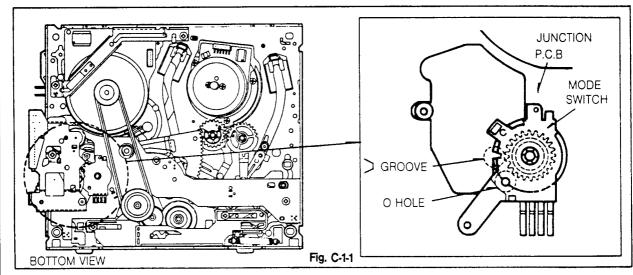
1. Mechanism State Switch (Mode Switch) Check

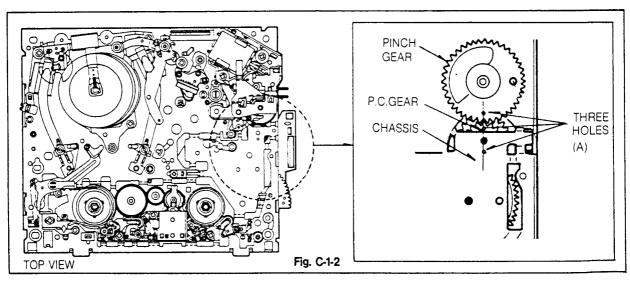
| Purpose: To detect accurately the mechanism state and prevent the mechanism from malfunction. | | | |
|---|--|--|--|
| Test Equipment/Fixture VCR State Check Point | | | |
| ●Blank tape | Eject Mode (with cassette ejected) | Mechanism state switch (Mode Switch and Cam) | |

Check Procedure

- 1) Turn the VCR on and eject the tape by pressing eject button.
- 2) Remove the Cabinet Top, the Main P.C.Board and the CST Housing. Then push the CST IN/OUT switch (Loca. #137) and eject button at the same time.
- 3) Turn the worm (Loca. #082) of Loading Motor Assembly (Loca. #A10) to the left side (counterclockwise) to align the three holes (A) of the Pinch Gear, the P.C.Gear and the Chassis.
- 4) Remove the Bottom Cover and then check that the groove (V) and the hole (O) of Mode S/W are aligned each other. If the above alignment is not obtained, adjust as follows.
 - (1) Remove the Bracket Assembly Bottom and the Capstan Belt in the state of power off.
 - (2) Remove the P.C.B Assembly, align the groove (V) and the hole (O) of Mode S/W each other and then reassemble the P.C.B Assembly.
 - (3) Turn the power on and perform the various operations to check that the loading and the unloading are correct.

Check Diagram





2. Preparation for Adjustment(To set VCR to the loading state without inserting a cassette)

- 1) Unplug the power cord from the AC outlet.
- 2) Remove the Cabinet Top and Front Loading mechanism.
- 3) Plug the power cord into the AC outlet.
- 4) Turn the VCR on and push the tact switch in the PCB Assembly.

The VCR can accept input of each mode in this case. However the rewind and review operation cannot be performed for more than a few seconds because the take-up reel table is in the stop state and reel pulses cannot be detected.

(NOTE)

Always return the VCR to the Front Loading Mechanism Assembling State in the following order after the above operations have been performed.

- 1) Press the Eject button after turning the power on.
- 2) Wait for about 10 seconds until searching out the assembly position.
- 3) Assemble the Front Loading Mechanism and connect the Front Loading Mechanism Connector.
- 4) Refer to the "Front Loading Mechanism Disassembly" which is described previously.

3. Reel Table Height Adjustment

| Test Equipment/Fixture | Preparation for adjustment | VCR State | Adjustment Points |
|-----------------------------|---|-----------|--|
| ● Master Plane | Remove the Front Loading Mechanism Mount the Master Plane | | Washer under the Supply and Take-Up Reel Tables. |
| • Reel Table Height Fixture | and place the Reel Table Height Fixture on it. | | |

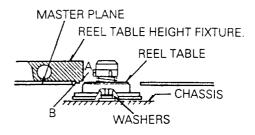
Adjustment procedure

- 1) Check that the Reel Table is between sections A and B of the Reel Table Height Fixture.
- If the table is not between sections A and B of the Fixture, replace the washers(two types, 0.3mm and 0.5mm thick) in the Reel Table or adjust them.

CAUTION

When the Tension Arm and Tension Band are removed, adjust the tension post position and tension after reinstalling them.

Adjustment Diagram



SUPPLY AND TAKE-UP REEL TABLE

Fig. C-3

4. Tension Post Position and Tension Adjustment

Purpose: To make the tension of tape constant so that the contact between the video heads and tape is stabilized.

| Test Equipment/Fixture | VCR State | Adjustment Point |
|--|--|------------------|
| ●Tension Meter (Tension adjustment) | Play without cassette and with a Tension Meter | ● Holder Band(A) |

Adjustment Procedures

(Position Adjustment)

- Perform loading without inserting a tape and loosen the screw that attaches the Band Holder(B) to the D-Deck Mechanism Assembly.
- 2) Insert the (—)type driver between the Band Holder(B) and the "V" groove of the chassis.
- 3) Move the Band Holder(B) right and left and align the center of tension post with the center of P1.
- 4) Tighten the screw that attachs the Band Holder(B) to Deck Mechanism Assembly.

(Tension Adjustment)

- Play the Tension Meter and read the Tension Meter:35g·cm±2.5g·cm(reference value).
- 2) If the result is abnormal.
 - over the standard:loosen the screw, move the Band Holder(B) right a little and then tighten the screw and make sure that this adjustment is correct.

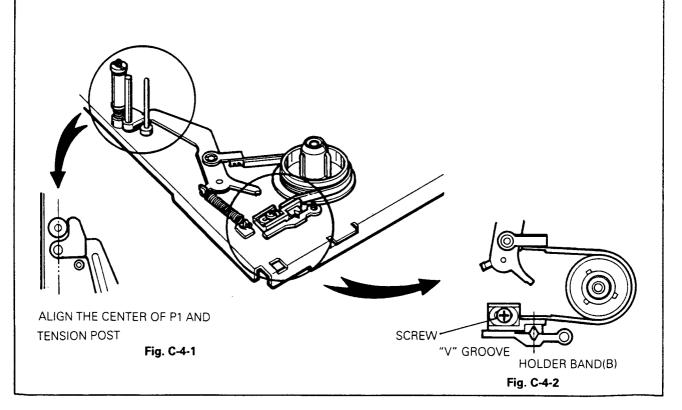
(2) below the standard: loosen the screw, move the Band Holder(B) left a little and then tighten the screw and make sure that this adjustment is correct.

CAUTION

The range of movement of Band Holder(B) should be within ± 1.5 mm while being adjusted.

If the range is over, you should recheck the Reel Brake, Tension Arm and Spring.

Adjustment Diagram



5. Checking Torque

Purpose: It is necessary to check the tension, torque and compression force at the tape take-up section and moving section to make the tape run smoothly and satisfy the basic performance of the VCR. Check these if the tape does not run smoothly or the tape speed is abnormal.

| Test Equipment/Fixture | VCR state |
|---|--|
| ●Torque Gauge | ● Set the VCR to each operation mode without inserting |
| ◆Torque Gauge Adaptor | a cassette. |
| | (See '2 Preparation for Adjustment') |

| | | 1 | | |
|----------------------|----------------------|--------------------------|--------------------|--|
| ltem | VCR Operation mode | Measurement Reel | Measurement Values | |
| Main brake torque, | Eject | Supply and take-up reels | 600g.cm or more | |
| Slack removal torque | Unloading(power off) | Supply reel | 110~200g·cm | |
| Fast forward torque | Fast forward | Take-up reel | 400g·cm or more | |
| Rewind torque | Rewind | Supply reel | 400g·cm or more | |
| Play take-up torque | Play | Take-Up reel | 90~130g·cm | |

Checking Method

The values are measured by using a torque gauge and torque gauge adaptor with the torque gauge fixed.

Note:This value is measured when the VCR is shifted in the unloading direction from the fast forward or rewind mode and quick braking is applied to both Reel Tables.

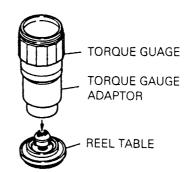


Fig. C-5

6. Guide Post Height Adjustment

| Test Equipment/Fixture | VCR State | Adjustment Point |
|--|---|--|
| Master Plane Blank Tape Reel Table Height Jig Post Height Adjusting Driver M3 Nut Driver | Mount the Master Plane and place the Reel Table Height Jig on it. | ● Nuts on Impedance Roller ● Guide Post |

- Set the clearance between the bottom of the P1 Roller Flange and under cut of Reel Table Height Fixture to 0~0.1mm(Fig. C-6-1).
- 2) Set the clearance between the bottom of the Guide Post upper flange and top of the Reel Table Height Jig to 0~0.2mm(Fig. C-6-2).
- Load and run the Tape and check that the tape does not ride over the upper and lower flanges of the guide post.
- 4) If the tape rides over either flange, adjust the height of P1 Roller and Guide Post as follows(Fig. C-6-3).
 - If the tape rides over the upper flange, turn the nut counterclockwise.
 - If the tape rides over the lower flange, turn the nut clockwise.

Adjustment Diagrams

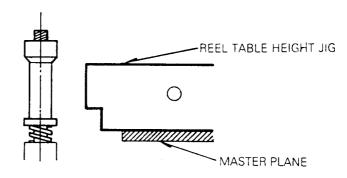
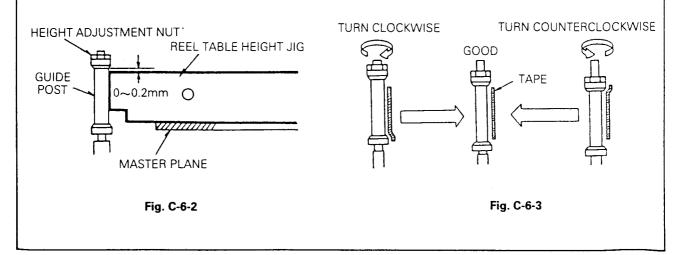


Fig. C-6-1



7. Guide Roller Height Adjustment

Purpose: To regulate the height of tape so that the bottom of tape runs along the tape guide line on the lower drum.

A. Coarse Adjustment

| Test Equipment/Fixture | VCR State | Adjustment Point |
|---|---|--|
| Master Plane Reel Table Height Fixture Hexagonal Wrench Post Height Adjusting Driver | Mount the Master Plane and place the Reel Table Height Fixture on it. | Roller Guide Height Adjustment Screws on the Supply and Take-Up Guide Rollers. |

Adjustment Procedure

- 1) Align the bottom of the Guide Roller's upper flange and the top of the Reel Table Height Fixture.
- 2) Perform the precise adjustment next.
- 3) When the Guide Roller is damaged, release the Guide Roller retaining screw and then replace the Guide Roller.

Adjustment Diagram



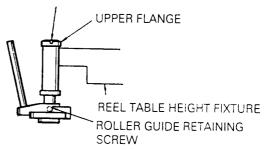


Fig. C-7-1

B. Precise Adjustment

| Test Equipment/Fixture | Test Equipment Connection Points | VCR State | Adjustment Point |
|--|--|--------------------------|--|
| Oscilloscope Post Height Adjusting Driver Alignment Tape Hexagonal wrench | CH-1:PB RF Envelope CH-2:SW 3-Hz Head Switching Output Point RF Envelope Output Point | ● Play an alignment tape | Guide Roller Height Adjustment Screws. |

Adjustment Procedure

- 1) Play an alignment tape after connecting the probe of the oscilloscope to RF Envelope Output Test Point and Head Switching Output Test Point.
- 2) Tracking control(in PB mode): Center position(When this adjustment is performed after the drum assembly has been replaced, set the tracking control so that the RF output is maximum.)
- 3) Height adjustment screw: Flatten the RF waveform.
- 4) Turn(Move) the tracking control(playback) clockwise and counterclockwise.(to the right and left)
- 5) Check that the drops of RF output are uniform at the start and end.

Waveform Diagrams

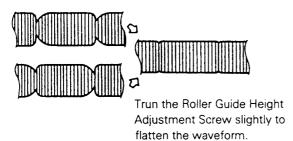
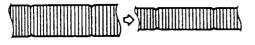


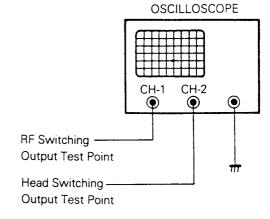
Fig. C-7-2



Tracking control at center Turn(Move) the tracking control to both directions.

Fig. C-7-3

Connection Diagram



8. Audio/Control(A/C) Head Adjustment

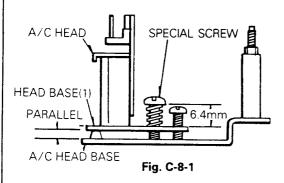
Purpose: To keep the contact between the tape and head so that the specificed track is recorded and played back.

A. Coarse Adjustment

| Test Equipment/Fixture | VCR State | Adjustment Points |
|--|---|--|
| Master PlaneReel Table Height FixtureM3 Nut Driver | Mount the Mater Plane and place the Reel Table Height Fixture on it. | Special screwCone Point Screw for tiltAzimuth AdjustmentScrew |
| Blank tape | ● Run the blank tape | ●A/C Head Adjuster |

Adjustment procedure/Adjustment Diagram

 Tighten the spring section of the special screw so that it protrudes 6.4mm(approx.) over the top of Head Base(1).



2) Turn the Azimuth Adjustment Screw and Cone Point Screw so that the Head Base(1) and A/C Head Base are parallel.

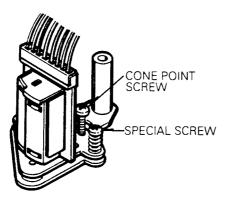
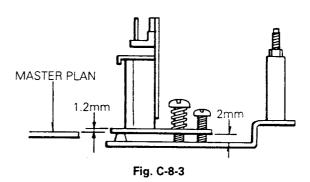
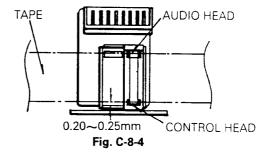


Fig. C-8-2

 Turn the A/C Head Adjuster until the clearance between the Master Plane and Head Base(1) is approx 1.2mm.



- 4) Remove the adjustment fixture, load a blank tape and set the VCR to the play mode.
- 5) Check that there is no conspicuous curling and riding over around the A/C head. If there is conspicuous curling or riding over, readjust the Cone Point Screw, Azimuth Adjustment Screw and A/C Head Adjuster. When the bottom edge of tape is 0.20~0.25mm from the bottom edge of the control head's core, the height of A/C head is ideal.

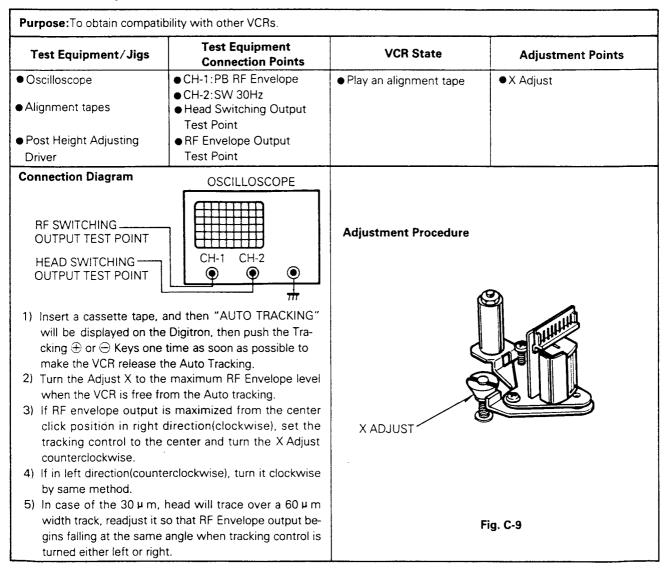


6) Perform the precise adjustment continuously.

B. Precise Adjustment

| Test Equipment/Fixture | Test Equipment Connection Point | VCR State | Adjustment Points | |
|---|--|--|--|--|
| OscilloscopeAlignment tapesM3 Nut Driver | ● Audio output jack | Play an alignment tape1KHz, 7KHz sections | ◆Azimuth Adjustment Screv ◆A/C Head adjuster ◆Cone point screw | |
| jack. 2) Adjust the Azimuth Adjuadjuster and cone point so that a Audio 1KHz our nimum fluction) 3) Adjust the Azimuth Adju | screw slightly and alternately tput is maximum and flat.(mi- | Waveform Diagram A:Maximum | BB':Minimum | |
| | | Fig. | C-8-5 | |

9. X-Value Adjustment



10. Adjustment after Replacing Drum Assembly(Video Heads)

| Test Equipment/Fixture | Test Equipment Connection Points | VCR State | Adjustment Points |
|---|---|---|--|
| Oscilloscope Post Height Adjusting Driver Alignment tape Blank tape M3 Nut Driver | Checking the flatness CH-1:PB RF Envelope CH-2:SW 30Hz Head Switching Output Point RF Envelope Output Point | ● Run the blank tape ■ Play an alignment tape | Guide Rollers Precise Adjustment Switching point Tracking point X-Value |
| Connection Diagram | | Waveform Diagram | |
| RF SWITCHING ———————————————————————————————————— | OSCILLOSCOPE O O O | V ₁ V ₂ | |
| | ocedure k and adjust whether the Roll- easing tape around the Roller | V1/V MAX) V3/V MAX) RF ENVELO | |
| • | output flatness and adjust the e playing an alignment tape. | | |

11. Maintenance/Inspection Procedure

(1) Required Maintenance

The recording density of a VCR is much higher than that of an audio tape recorder. VCR components must be very precise, at tolerances of 1/1000mm, to ensure compatiblity with other VCRs. If any of these components are worn or dirty, the symptoms will be the same as if the part is defective. To ensure good picture, periodic inspection and maintenance, including replacement of worn out parts and lubrication, are necessary.

(2) Scheduled Maintenance

Schedules for maintenance and inspection are not fixed because they vary greatly according to the way in which the customer uses the VCR, and the environment in which the VCR is used.

But, in general home use, a good picture will be maintained if the inspection and maintenance is made every 1,000hours. The table below shows the relation between time used and inspection period.

Table 1

| When inspection is necessary | About year | | bout 18 months | Abo yea | |
|----------------------------------|---------------|------------|-------------------|------------|---|
| Average hours used per day | | , , | | | , |
| One hour | ////// | //// | | | |
| Two hours | ///// | //// |] | | |
| Three hours | ///// | | | | |

(3) Check before starting repairs

The following faults can be remedied by cleaning and oiling. Check the needed lubrication and the conditions of cleanliness in the unit.

Check with the customer to find out how often the unit is used, and then determine that the unit is ready for in spection and maintenance. Check the following parts.

Table 2

| Phenomenon | Inspection |
|-----------------------------|-------------------------------|
| Poor S/N, no color | Dirt on video head or |
| | worn video head |
| Tape does not run or tape | Dirt on pressure roller, belt |
| is slack | or flywheel belt |
| Vertical jitter, horizontal | Dirt on video head or in |
| jitter | tape transport system |
| Color beats | Dirt on full-erase head |
| Low volume or sound | Dirt on audio/control head |
| distorted | |
| Fast forward or rewind is | Dirt on belt |
| not done or rotation is | |
| stow | |

(4) Supplies Required for Inspection and Maintenance

- (1) Greases Kanto G-31(or equivalent)
- (2) Alcohol(or freon)
- (3) Cleaning Patches

5) Maintenance Procedure

5-1) Cleaning

(1) Cleaning video head

First use a cleaning tape. If dirt on head is too stubborn to remove by tape, use the cleaning patch. Coat the cleaning patch with alcohol or freon to the point indicated. Touch the cleaning patch to the head tip and gently turn the head(rotating cylinder) right and left

(Do not move the cleaning patch vertically and make sure that only the buckskin on the cleaning patch comes into contact with the head. Otherwise, the head may be damaged.)

Thoroughly dry the head. Then run test tape. If alcohol or freon remains on the video head, the tape may be damaged when it comes into contact with the head surface.

(2) Clean the tape transport system and drive system, etc, by wiping with a cleaning patch wetted with alcohol of freon.

Note:

- ① It is the tape transport system which comes into contact with the running tape. The drive system consists of those parts which move the tape.
- ② Make sure that during cleaning you do not touch the tape transport system with the tip of a screw driver and no force is applied to the system that would cause deforming.

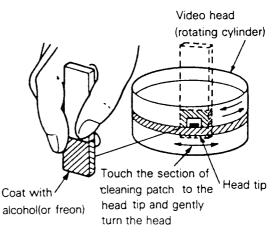


Fig. C-11-1

5-2) Greasing

(1) Greasing guidelines

Apply grease, with a cleaning patch. Do not use excess grease. It may come into contact with the tape transport of drive system. Wipe any excess and clean with cleaning patch wetted in alcohol or freon.

(2) Periodic greasing
Grease specified locations every 5,000hours.

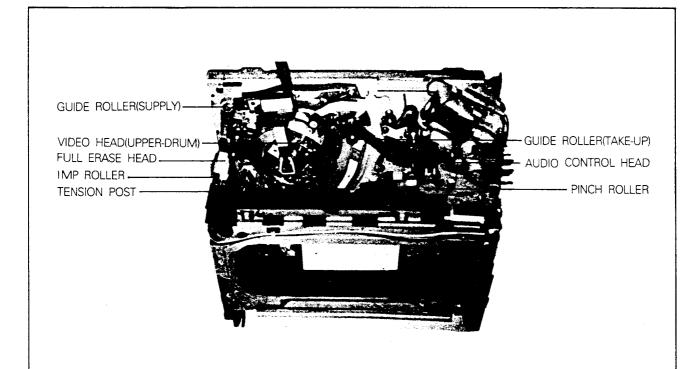


Fig. C-11-2 Tape Transport System

| Phenomenon | Inspection | Replace ment | |
|-------------------------------------|-------------------------------|-----------------|------------|
| Color beats | Dirt on full-erase head | 0 | → ① |
| Poor S/N no color | Dirt on video head | 0 | → ② |
| | Dirt on video head | ! | |
| Vertical jitter | Dirt in tape transport system | 0 | → ③ |
| Low volume, Sound distorted | Dirt on audio/control head | 0 | -4 |
| Tape does not run. Tape is slack | Dirt on pinch roller | G | → ⑤ |

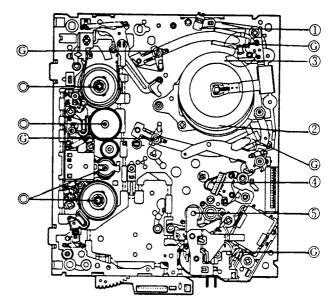


Fig. A-12 Top View of Mechanism

| Phenomenon | nenomenon Inspection Location | | | | | |
|--|-------------------------------|---|--|--|--|--|
| Do not fast forward or rewind, or rotation is slow | Dirt on reel belt | 0 | | | | |
| Tape does not run | | | | | | |
| Slack tape | | | | | | |

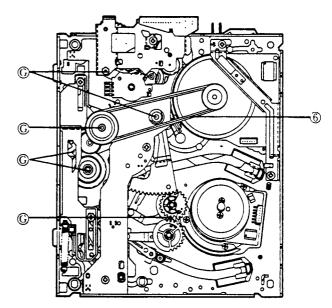


Fig. A-13 Bottom View of Mechanism

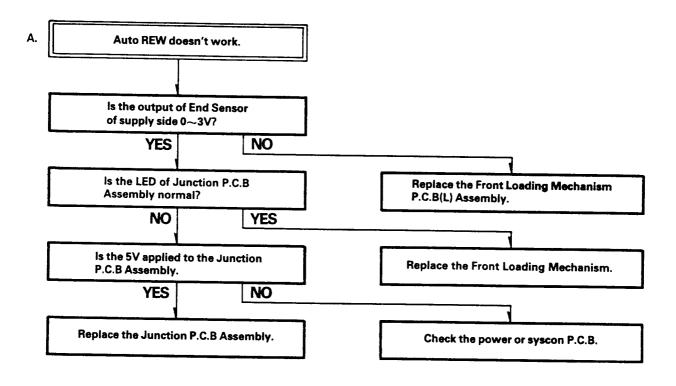
Note: If locations marked with O do not operate normally after cleaning, check for wear and replace.

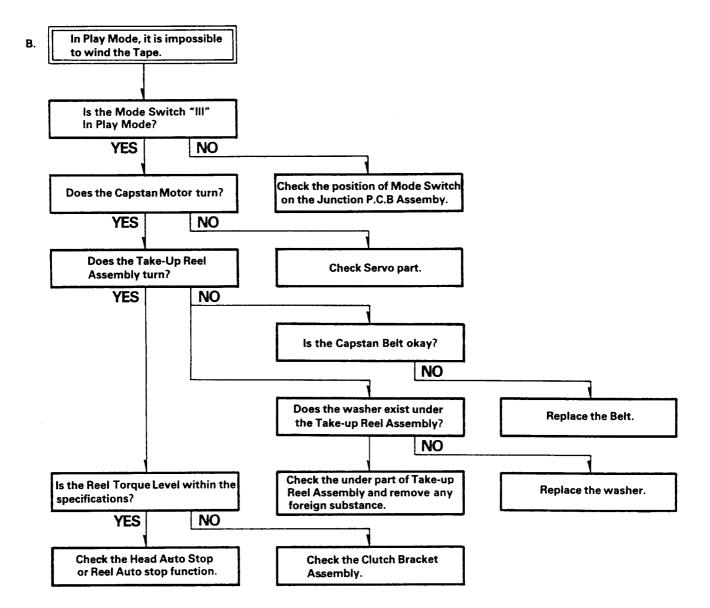
See the EXPLODED VIEWS at the end of this manual as well as the above illustrations for the sections to be lubricated and greased.

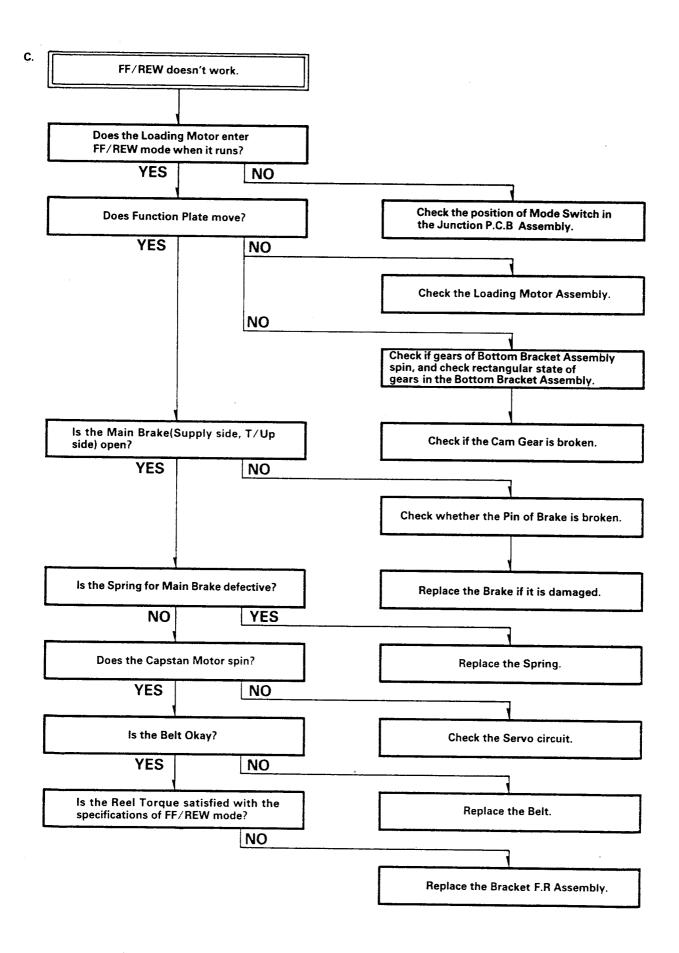
©:Grease

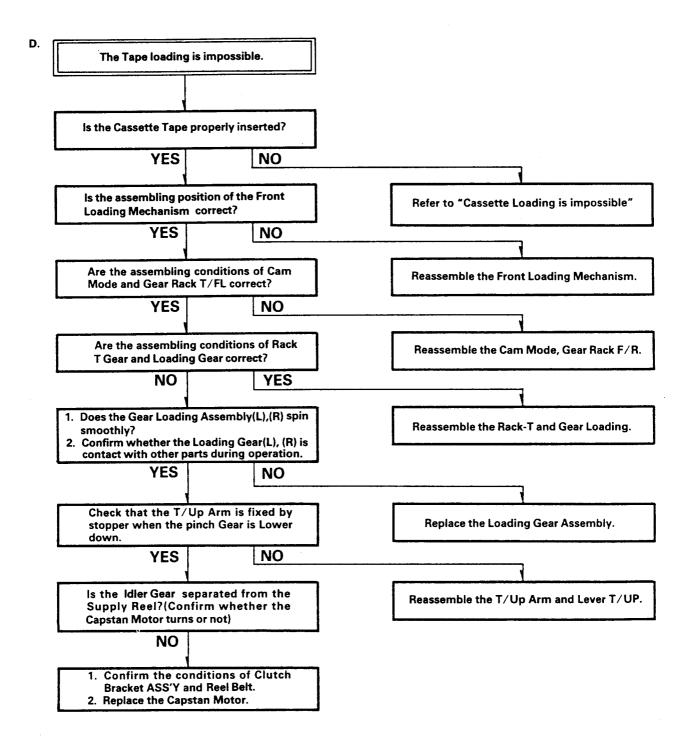
MECHANISM TROUBLESHOOTING GUIDE

1. Deck Mechanism

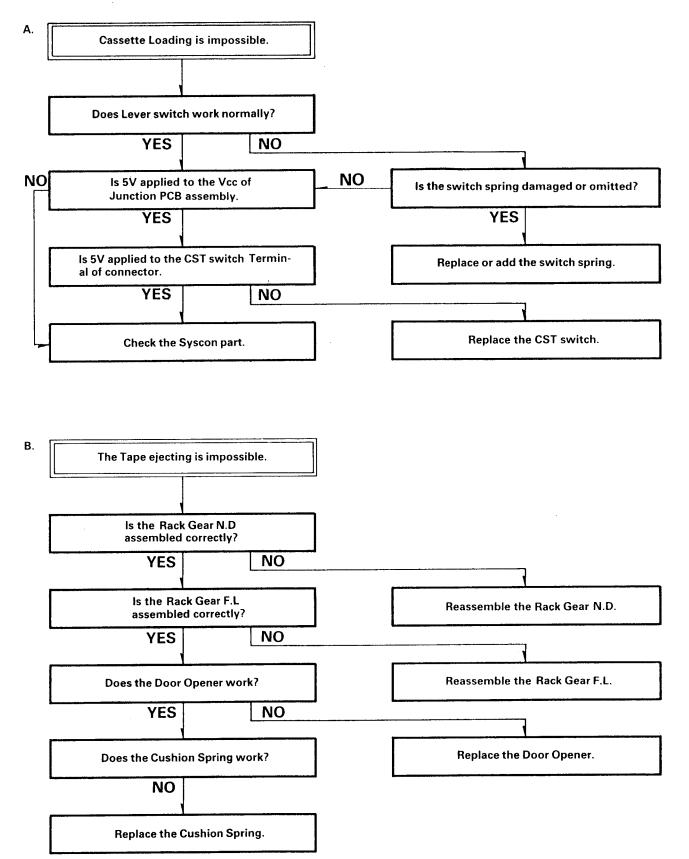


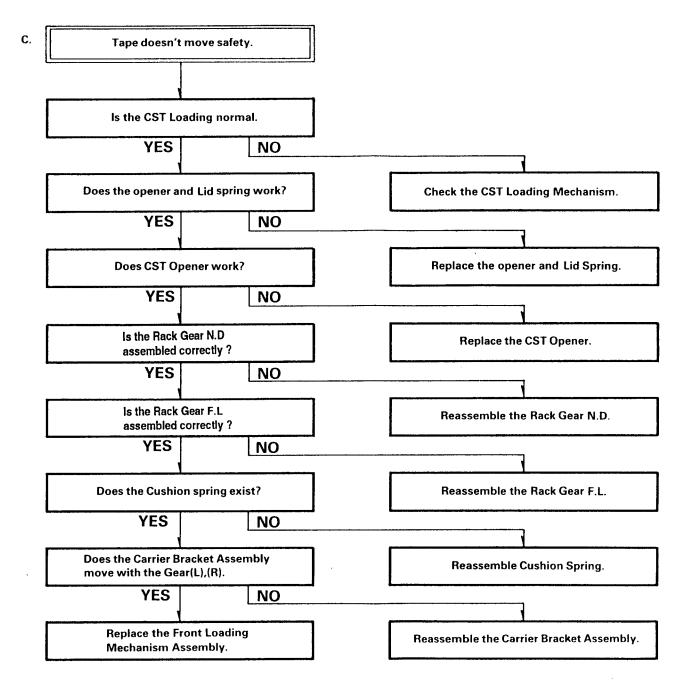


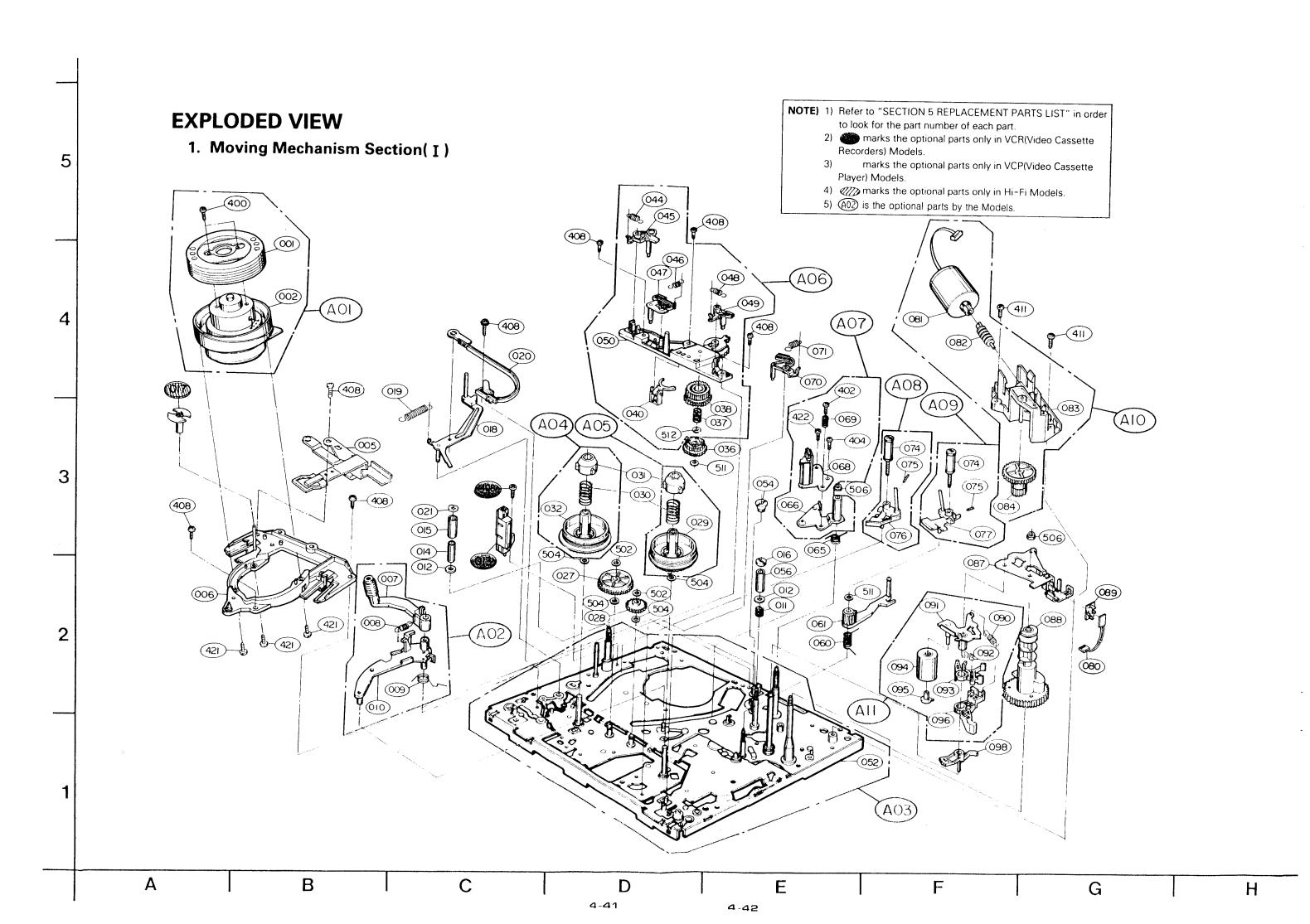


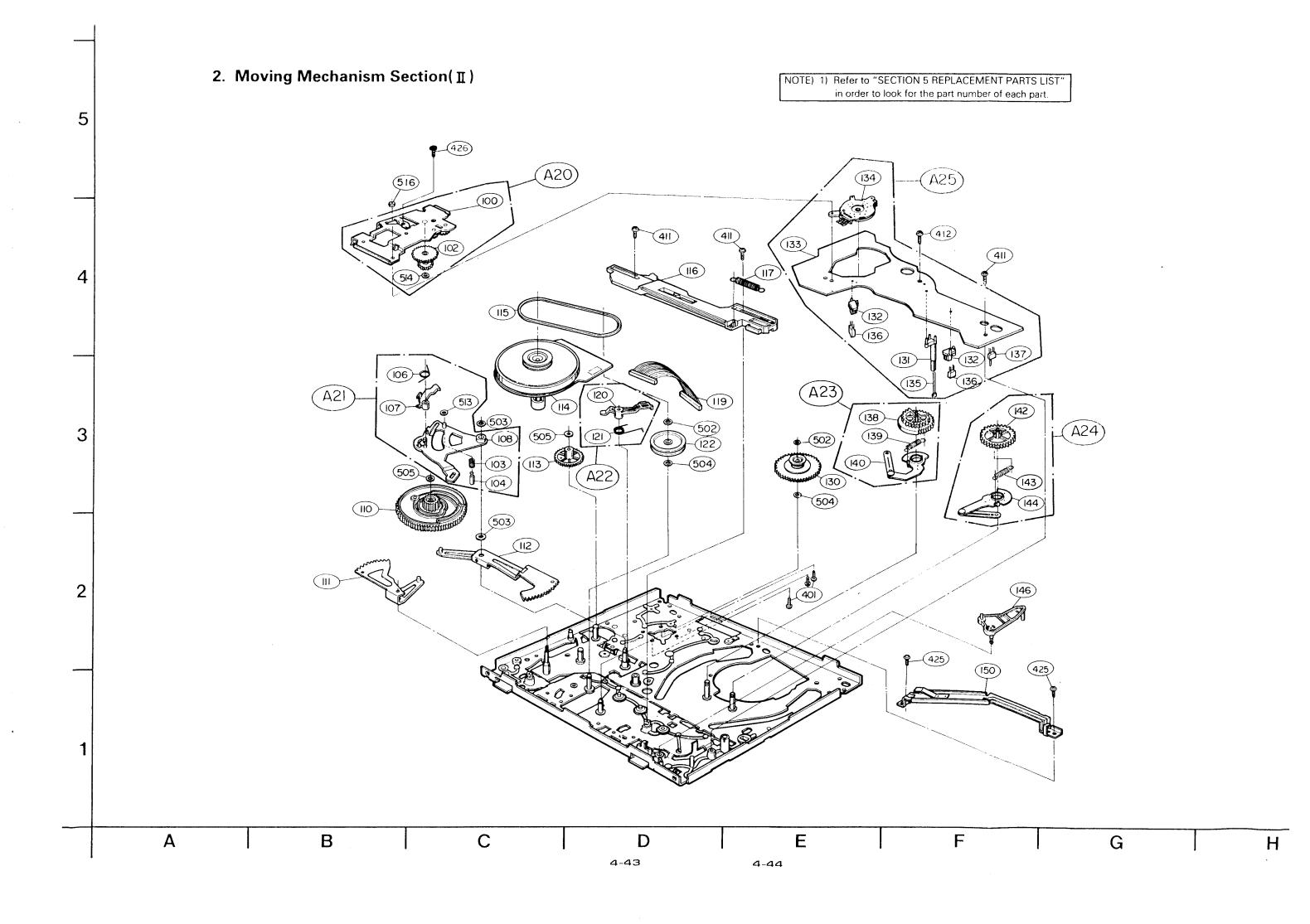


2. Front Loading Mechanism









3. Front Loading Mechanism Section NOTE) 1) Refer to "SECTION 5 REPLACEMENT PARTS LIST" in order to look for the part number of each part. (A30)201 204) (A34) 218 (A32)

4-45

4-46

SECTION 4-2.8 mm DECK MECHANISM

PERIODICAL CHECK AND MAINTENANCE

For the normal operation and the protection of Tape, the periodical checking and maintaining is required like the unit.

Perform the following steps after the adjustment without the used time.

1. ROTARY DRUM ASSEMBLY CLEANING

Stick the smooth swab moistened with the cleaning water fast to the rotary Drum Slightly, and then rotate the Rotary Upper Drum with a finger to the counter-clockwise slowly.

NOTE:

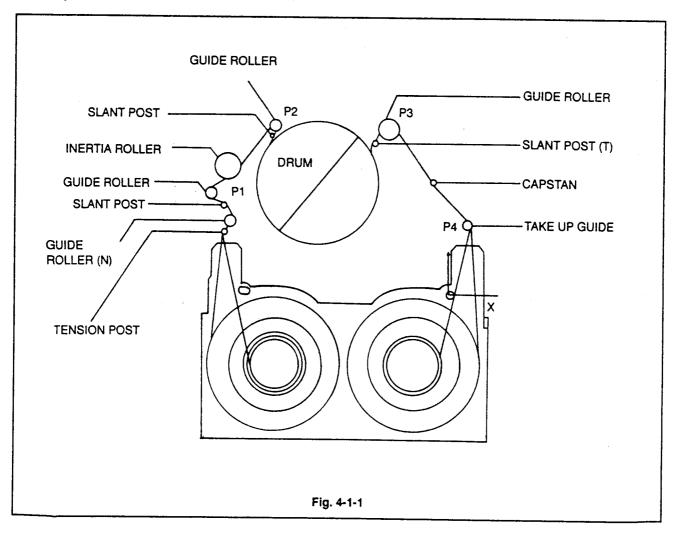
Be careful so the Motor is not to rotate the Drum and not to rotate to the clockwise. Do not use the swab moistened with the cleaning water to the Head Vertically.

2. TAPE LOADING COURSE CLEANING

Set the Cassette Compartment to the Eject State or remove it, and then wipe the Tape loading Course (No. 1 Guide~No. 7 Guide Capstan Shaft, Pinch Roller) with the Chamois Leather Moistened in cleaning water.

3. DRIVE SYSTEM CLEANING

Wipe the Drive System (Timing Belt, Surface of Reel Table etc.) with the Chamois Leather moistened in cleaning water.



| Check Parts | | Time (Hours) (H) | | | | | | | | Remarks | | |
|---------------------------------------|---|------------------|-------|-------|-------|-------|------------|-------|-------|----------|----------|---|
| | | 500 | 1,000 | 1,500 | 2,000 | 2,500 | 3,000 | 3,500 | 4,000 | 4,500 | 5,000 | licinarks |
| Cleaning and Demag- netizing | Tape path surfaces Cleaning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Be careful about oil |
| | Rotary drum assembly Cleaning and demagnetizing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Be careful about oil |
| | Relay belt | _ | ☆ | _ | ☆ | _ | ☆ | - | ☆ | - | ☆ | |
| Drive System | Capstan shaft | - | 0 | - | 0 | _ | 0 | _ | 0 | _ | 0 | Be careful about that the Oil do not drop on the surface of Tape Path |
| | Idler pulley axle | _ | 0 | _ | 0 | _ | 0 | - | 0 | _ | 0 | |
| | Loading Motor | _ | ☆ | _ | ☆ | _ | ☆ | _ | ☆ | - | ☆ | |
| | Abnormal noise | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | |
| Perfor- mance Check | Brake tension Measurement | _ | ☆ | _ | ☆ | _ | . ☆ | _ | ☆ | <u>.</u> | ☆ | |
| | Brake system | _ | ☆ | _ | ☆ | _ | ☆ | _ | ☆ | _ | ☆ | |
| | FWD, RVS torque Measurement | _ | ☆ | _ | ☆ | _ | ☆ | _ | ☆ | - - | ☆ | |

NOTE:

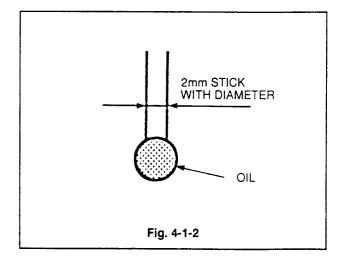
During checking the Unit, refer the Time Table above for the parts change etc.

Oiling :

- Use the regular Oil always.
 (If the unregular oil is used, the Unit may get demaged.)
- Apply the clean oil on the position used the shaft bearing.
- "Oil 1 drop" means the quantity of degree hanged to the end of 2mm Stick with diameter. (Refer to Fig. 4-1-2)

Grease:

• Use the regular Grease.

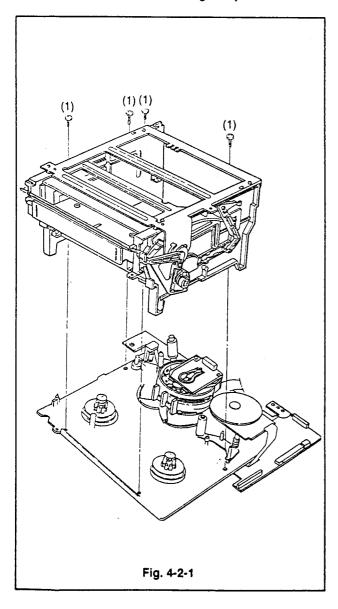


DECK MECHANISM DISASSEMBLY AND REASSEMBLY

1. Front Loading Mechanism

1-1. Housing Ass'y Disassembly

- 1) Disassembly (Fig. 4-2-1)
 - Set the unit to the ULC Mode (Unloading Mode).
 - (2) Remove 4 Screw(1) on the upper part and then remove the Housing Ass'y CST.



2. DC MOTOR (Capstan motor) ASS'Y

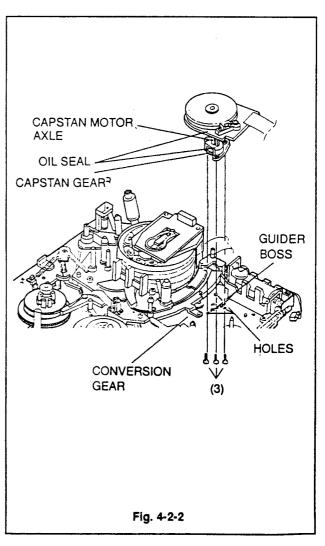
2-1. Disassembly (Fig. 4-2-2)

- (1) Set the Unit on the ULC Mode (Unloading).
- (2) Remove the DC Motor Ass'y by releasing 3 Screws(3) on the lower part of the Chassis.

2-2. Reassembly (Fig. 4-2-2)

- (1) Engage the Capstan Gear with the conversion Gear by fixing the 2 Guider bosses and 3 Guider Holes on the Upper part of Chassis into the 2 Guider Holes on the Capstan Gear.
- (2) Set the DC Motor Ass'y with 3 Screws(3) on the Lower part of Chassis.

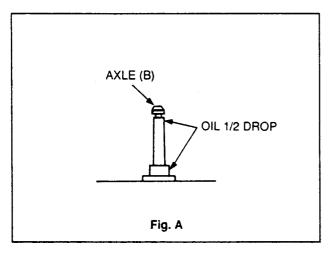
- · Use the about 2kgfcm Torque to fix Screw.
- Do not engage with the Gears by forces, because the Capstan Gear is easy to get demaged.
- · Stick the DC Motor fast to the Chassis completely.
- Do not touch the Capstan motor Axle, Oil Seal and Rotor.

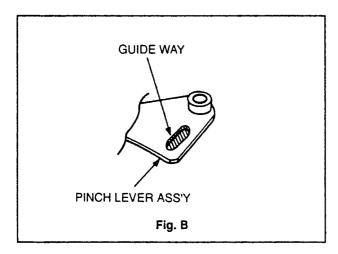


3. PINCH ARM ASS'Y AND PINCH LEVER ASS'Y

3-1. Disassembly (Fig. 4-2-3)

- (1) Set the Unit to the ULC Mode.
- (2) Remove the Pinch Arm Ass'y by removing the stopper Washer.
- (3) Remove the Pinch Lever Ass'y.

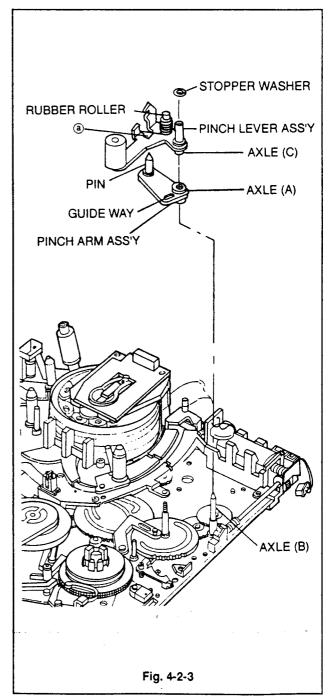




3-2. Reassembly (Fig. 4-2-2, 4-2-3)

- (1) Apply Oil 1/2 drop to the Axle(B) 2 point.
- (2) Apply greese in the in side of Guide on the Pinch Lever Ass'y (Fig. B).
- (3) Stick the Axle(A) of Pinch Lever Ass'y in the Axle B and assemble so the Roller is to be approached to the Guide Way.
- (4) Assemble so the Pinch Lever Ass'y pin is sticked in the ⓐ point by inserting the Pinch Arm Ass'y Axle(C) in the Axle (reassembling state).
- (5) Set the Stopper Washer.

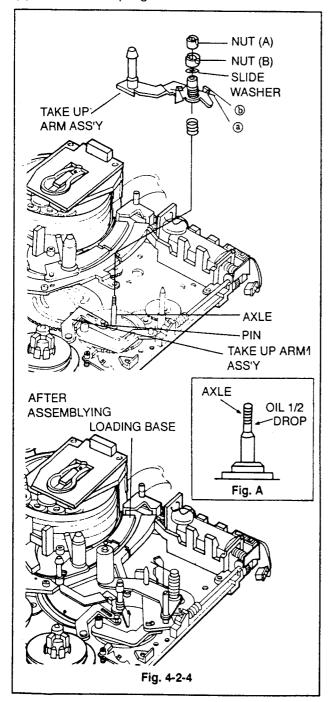
- Be careful the Nut is not to touch the Rubber Roller when reassembling the Pinch Arm Ass'y to Axle
- Be careful the object material is not to stain the outer surface of Rubber Roller.



4. TAKE UP ARM ASS'Y

4-1. Disassembly (Fig. 4-2-4)

- (1) Set the Unit to the ULC Mode.
- (2) Remove Nut(A) by using the (-) Driver.
- (3) Remove Nut(B) by using the exclusive Driver.
- (4) Remove the Slide Washer.
- (5) Remove the Take Up Arm Ass'y. At this time, remove after the Spring Arm (a) point is to be supported to the Vertical Bending part (b)point of Take Up Arm Ass'y.
- (6) Remove the Spring.

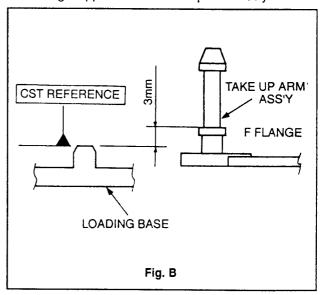


4-2. Reassembly (Fig. 4-2-4)

- (1) Apply the Oil 1/2 drop on the Axle.
- (2) Assembly the Compression Spring, Take Up Arm Ass'y, Slide Waher, Nut(B) and Nut(A) to the Axle.
- (3) Strain the Spring Arm ⓐ point of Take Up Arm Ass'y to the front to be stopped by sticking in the in side of Take Up Lever Ass'y Pin.

4-3. Take Up Arm Ass'y Height Adjustment

(1) Adjust to 3mm the height between the Cassette install standard side of Loading Base and the Frange Upper side of Take Up Arm Ass'v.



- Do not force the Spring Arm unreassembly during disassembly and reassembly, it may cause the transformation of spring.
- · Readjust the Take Path after reassembly.

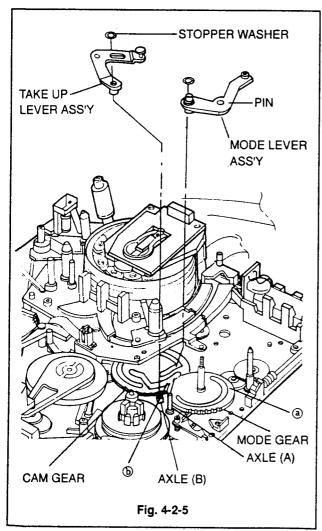
5. MODE LEVER ASS'Y and TAKE UP LEVER ASS'Y

5-1. Disassembly (Fig. 4-2-5)

- (1) Set the Unit to ULC Mode.
- (2) Remove the Stopper Washer and then remove the Mode Lever Ass'y.
- (3) Remove the Stopper Washer and then remove the Take Up Lever Ass'y.

5-2. Reassembly (Fig. 4-2-4, 4-2-5)

- Apply the Grease in the CAM trace (a) of Mode Gear.
- (2) Apply the Oil 1/2 drop to the Axle.
- (3) Stick the Mode Lever Ass'y pin in the CAM trace
 (a) of Mode Gear and then assemble the Mode Lever Ass'y to the Axle(A).
- (4) Set the Stopper Washer.
- (5) Apply the Oil 1/2 drop to the Axle(B).
- (6) Stick the Take Up Lever Ass'y pin in the CAM trace (b) of CAM Gear and then assemble the Take Up Lever Ass'y to the Axle.
- (7) Set the Stopper Washer.



6. SOFT BRAKE ASS'Y AND T/BAND PROTECT

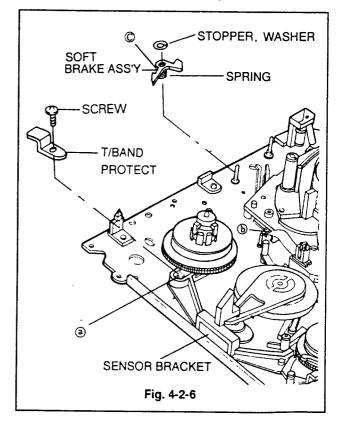
6-1. Disassembly (Fig. 4-2-6)

- (1) Set the Unit to the ULC Mode.
- (2) Hook the Spring Arm point © stuck in the Vertical Bending part point ⓑ on the Upper part of Chassis to the Spring hanger of Soft Brake Ass'y.
- (3) Remove the Stopper Washer and then remove the Soft Brake Ass'v.
- (4) Release the Screw and remove the T/Band Protect.

6-2. Reassembly

- (1) Stick the T/Band Protect in the Sensor Bracket point (a)
- (2) Set the Screw to point @ using the (+) Driver.
- (3) Set the Soft Brake Ass'y to the Axle.
- (4) Set the Stopper Washer.
- (5) Assemble the Spring Arm point © stuck in the Soft Brake Ass'y supports the Vertical Bending part point (a) on the upper part of Chassis.

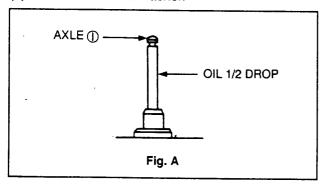
- Use the about 1.2kgf cm Torque to fix the T/Band Protect Set Screw.
- Do not force the Spring Arm © unreassembly, it may cause the transformation of Spring.
- During T/Band Protect assembling, be careful the Reel Ass'y Gear not to be denaged.

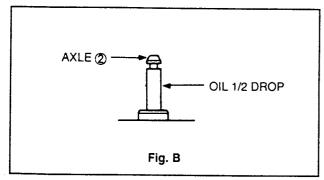


7. TENSION REGULATOR ASS'Y AND SLANT ROLLER ARM ASS'Y

7-1. Disassembly (Fig. 4-2-6, 4-2-7)

- (1) Set the Unit to the ULC Mode.
- (2) Hook the Spring Arm point (a) to the Spring Hanger point (e) of Slant Roller Arm Ass'y.
- (3) Remove the Stopper Washer and the remove the Slant Roller Arm Ass'y.
- (4) Remove the Spring Hook of Tension Regulator Ass'y from the Spring Hanger point © of Bracket.
- (5) Remove the Screw using the (+) Drive.
- (6) Remove the Stopper Washer and then remove the Tension Regulator Ass'y.
- (7) Remove the Slide Washer.





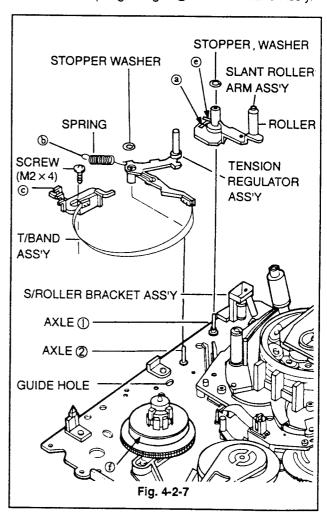
NOTES

- Be careful so the Band is not to be distarted or folded and the Felt is not to be dirted by an object material during disassembly the Tension Regulator Ass'y.
- Be careful so the Roller surface is not to be dirted by an object material during disassembling the Slant Roller Arm Ass'y.

7-2. Reassembly (Fig. 4-2-7, 4-2-8)

- (1) Assemble the Slide Washer to the Axle (2).
- (2) Apply the Oil 1/2 drop to the Axle (2).
- (3) Assemble the Felt side of T/Band Ass'y with the point ① part of S-Reel Ass'y correctly by sticking the Tension Regulator Ass'y on the Axle.
- (4) Assemble the Bracket Guider boss of T/Band Ass'y to accord with the Guide Hole on the upper part of Mechanism Chassis, and then set the Screw.

- (5) Assemble the Stopper Washer on the Axle 2.
- (6) Put up the Spring Hook at the middle point of Bracket Spring Hanger ©.
- (7) Apply the Oil 1/2 drop to the Axle (1).
- (8) Assemble the Slant Roller Arm Ass'y on the Axle (1).
- (9) Set the Stopper Washer to the Axle (1).
- (10) Adjust the position of Tension Regulator FWD.
- (11) Put up the Spring Hook (b) at the middle Claw of Bracket Spring Hanger (c) on the T/Band Ass'y.



- During assembling the Tension Regulator Ass'y, be careful the Band is not to be distorted or folded and the Felt is not to be dirted by an object material.
- Use the about 1.2kgf cm Torque to fix the Bracket Set Screw.
- During assembling the Slant Roller Arm Ass'y, be careful the Roller surface is not to be dirted by an object material.

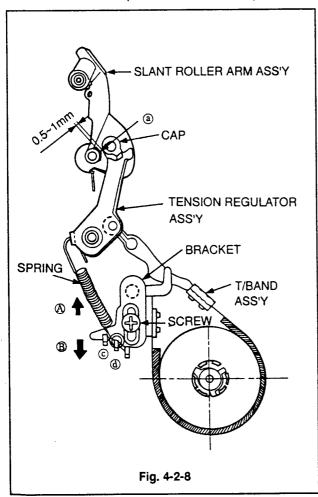
8. TENSION REGULATOR FWD POSI-TION AND BACK TENSION ADJUST-MENTS

8-1. FWD position Adjustment

- (1) Set the Unit to the FWD Mode after Loading a Cassette Tape. (Loading make)
- (2) Make Sure the gap between the edge of cap on the Tension Regulator Ass'y and the edge of Boss point ⓐ on the Slant Roller Arm Ass'y is 0.5~1mm.
 - If the gap is over the range, adjust the next step after ejecting the Cassette Tape.
- (3) Remove the Set Screw of the Bracket on the T/Band Ass'y.
- (4) If the measuring gap is farther than the range, draw the Bracket up to the Direction of arrow (A), and if the gap is nearer than the range, thrust the Bracket to the direct on of arrow (A), and then set the Screw.
- (5) Check the gap is in the range value by adjusting steps(1), (2) repeatedly.

NOTES:

Use a Cassette Tape wound about half.



8-2. Back Tension Adjustment (Fig. 4-2-8)

- (1) Load the Torque Cassette Tape in the Unit and set the Unit to Ope-Mode after step, adjustment. (Forward Play Mode).
- (2) Check the Back Tension Torque of the Supply side is in 6.5±2(gf cm).
- (3) Otherwise, adjust the Spring hanger position of Bracket as follows;
- (4) If the measurment value is more than the range, put the Spring Hook up to the Hanger ©, and if it is less than the range, put the Spring Hook up to the Hanger ©.
- (5) Make sure the Back Tension is in the range value by adjusting steps(1), (2) repeatedly.

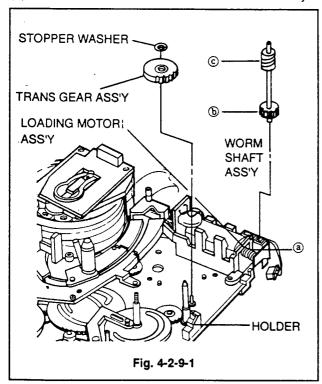
8-3. Reel Torque Checking

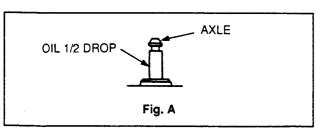
- (1) Load the Torque Cassette Tape in the Unit.
- (2) Set the Unit to FWD Mode and check the Torque on the T Reel Table is in 12.5±4gf cm.
- (3) Set the Unit to REV Mode and Check the Torque on the S Reel Table is in 12.5±4gf cm.
- (4) Set the Unit REV Mode and Check the Torque on the T Reel Table is in 12.5 ± 4gf cm.
- (5) If each Torque Value is over the range, change the Reel table.

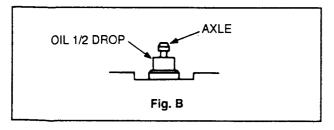
9. WORM GEAR ASS'Y MIDDLE GEAR, TRANS GEAR ASS'Y, LOADING MOTOR ASS'Y AND BRACKET ASS'Y

9-1. Disassembly (Fig. 4-2-9-1, 4-2-9-2)

- (1) Remove the Screw for removed the Loading Motor Ass'y (Fig. 2-9-2). At this time, the Worm Gear Ass'y is disassembled simultaneously with the Loading Motor Ass'y @ and Worm Gear Ass'y b in gear together. (Fig. 4-2-9-1)
- (2) Remove the Loading Motor Ass'y and Worm SHAFT Ass'y. (Fig. 4-2-9-1)
- (3) Remove the Stopper Washer and remove the Trans Gear Ass'v.
- (4) Remove the Stopper Washer and remove the Middle Gear.
- (5) Release the Screw to remove the Bracket Ass'v.

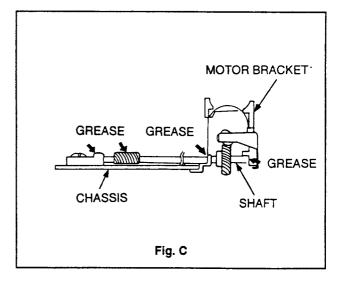






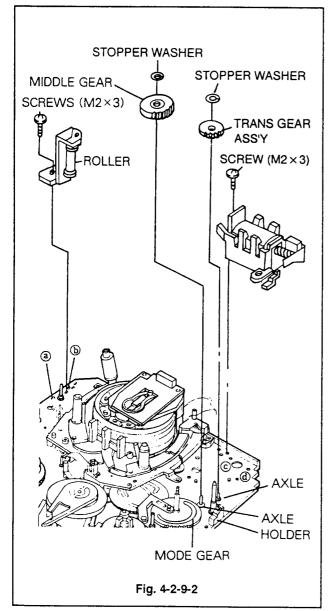
9-2. Reassembly (Fig. 4-2-9-2)

- (1) Assemble the Guide Bosses 2 points of Bracket Ass'y to accord with the Guide Holes "@" and "@" on the upper part of Mechanism Chassis, and then set the screw.
- (2) Apply the Oil 1/2 drop on the Axle.
- (3) Go in gear the Mode Gear with Middle Gear by sticking on the Axle.
- (4) Set the stopper Washer to the Axle.
- (5) Assemble the Guide Bosses 2 points on the Lower part of Loading Motor Ass'y to accord with the Guide Holes "©" and "@" on the upper part of Mechanism Chassis and then set the Screw.
- (6) After the Gear point ⑤ of Worm Gear Ass'y is to be toward below, stick it into the Gear ⑥ bottom of Loading Motor Ass'y, and fix the Shafe end tip is to be supported to the Loading Motor Bracket first tip, and then assemble the other side of Shaft by pushing from inside of Holder to outside.
- (7) Apply the GREASE on the parts. (Fig. C)
- (8) Apply the Oil 1/2 drop on the Axle.
- (9) Go in gear with the Middle Gear and Worm Gear Ass'y Gear © together by sticking the Trans Gear Ass'y on the Axle.
- (10) Set the Stopper Washer on the Axle.



NOTES:

- Do not in gear the Gears by force during disassembly/reassembly of Gear, bited each other.
- During assembling the Bracket Ass'y, be careful the Roller surface is not to be dirted by an object material.
- Use the about 1.2kgf cm Torque to fix the Screw.



10. LOADING BASE ASS'Y, MODE GEAR ASS'Y AND EJECT LEVER ASS'Y

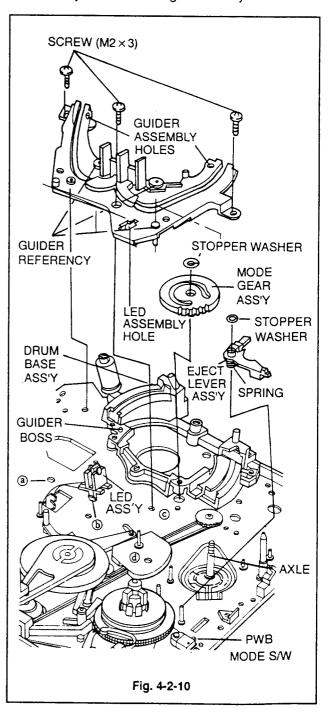
10-1. Disassembly (Fig. 4-2-10)

- (1) Remove the LED Ass'y from the Led assembly Hole of Loading Base Ass'y.
- (2) Remove 3 Screws and then remove the Loading Base Ass'y.

- (3) Release the Stopper Washer and remove the Mode Gear Assiy.
- (4) Hook the Spring Arm point (a) of Eject Lever Ass'y by pushing to the front to the Spring Hanger of Eject Lever Ass'y.
- (5) Remove the Stopper Washer and then remove the Eject Lever Ass'y.

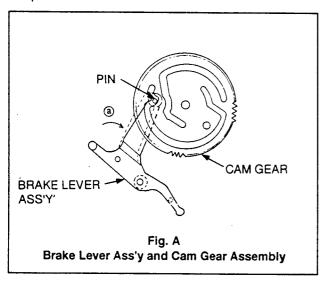
NOTES:

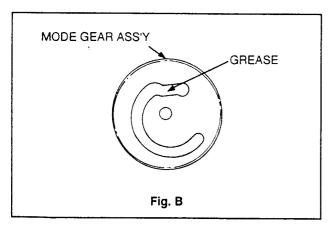
 Be careful the Led Ass'y Hook is not to danage during disassembly the LED Ass'y from the Led assembly Hole of Loading Base Ass'y.



10-2. Reassembly (Fig. 4-2-10)

- (1) Fix the Guide Basic 4 pins of Loading Basse Ass'y to the refuge holes "@ ", "@", "@" and "@" formed on the upper part of Mechanism Chassis. Stick the Pin into the Gear trace of outer Cam formed on the Cam Gear by pushing the Brake Lever Ass'y slightly in the direction of arrow, and then stick the Guide Basic 4 Pins of Loading Base Ass'y fast to Guide 2 Holes by pressing from above to below. (Fig. A)
- (2) Set 3 Screws to "T1", "T2" and "T3" on the upper part of Mechanism Chassis.

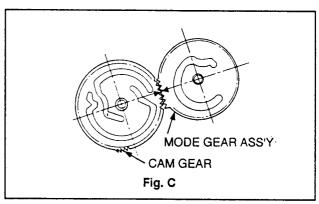


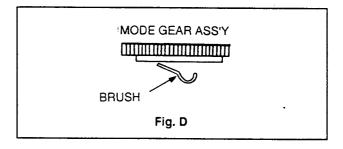


- (3) Assemble the Eject Lever Ass'y on the Axle, and Set the Stopper Washer on it.
- (4) Wipe the surface of PWB Mode S/W with the cotton stick with the cleanser.
- (5) After the cleanser is dried completely, Apply the Grease to the point of contact evenly and thinly.
- (6) Apply the Grease on the Mode Gear Ass'y Cam formative parts.
- (7) Go in gear the Cam Gear with the Mode Gear Ass'y by sticking on the Axle. (Fig. C)

(Assembly Method)

Go in gear with together so the intaglioed arrow edge to accord on the line connected to the middle of Mode Gear Ass'y and the middle of Cam Gear.





- (8) Set the Stopper Washer on the Axle.
- (9) Push the Spring Arm point ⓐ of Eject Lever Ass'y from the Spring hanger to below to be supported to the sidewall of CST S/W.
- (10) Apply the Grease on the deviant lines of Loading Base Ass'y (Fig. 4-2-11).
- (11) Stick the Led Ass'y into the Led Ass'y Hold of Loading Bass Ass'y.

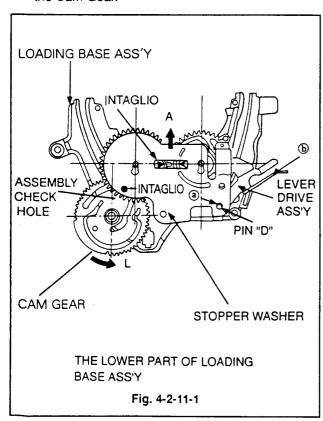
NOTES:

- Use the about 1.2kgf mm Torque to set 3 Screws.
- Do not force unreasonably, during disassembly and reassembly it may cause the transformation of Gear
- Be careful so the Roller(S), (T) is not to be dirted by an object material.
- Take the Led Ass'y Hook and Loading Base Ass'y not to be transformed during assembling the Led Ass'y to the Led Ass'y Hole of Loading Base Ass'y.
- Be careful so the Brush on the Lower part is not to be transformed during handling the Mode Gear Ass'y (Fig. D).
- Do not gear in the Mode Gear Ass'y and Cam Gear by force during assembling, the Gear parts may get damaged.
- Take the Spring Arm @ of Eject Lever Ass'y not to be transformed by force.

11. GEAR LOADING ASS'Y(S), (T), SLANT BASE ASS'Y(S), (T), CAM GEAR AND LEVER DRIVE ASS'Y

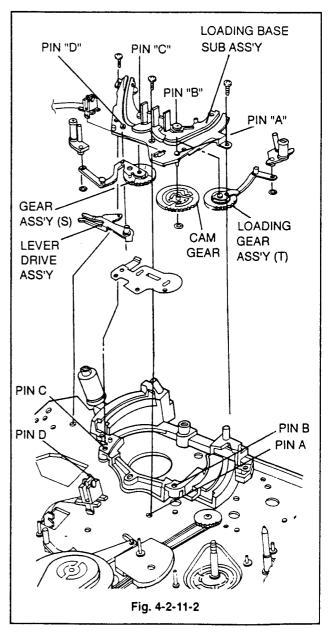
11-1. Disassembly (Fig. 4-2-11-1, 4-2-11-2)

- (1) Turn the Loading Base Ass'y over, and remove the part ⓐ of stopper Plate from Pin "D" by raising and then remove the Stopper Plate by Pushing and raising to "A" direction (to above). (Fig. 4-2-11-1)
- (2) Remove the Lever Drive Ass'y from Pin "D" on the Loading Base Sub Ass'y.
- (3) Turn the Cam Gear to the "L"direction to stop the rotating. At this time the Slant Base Ass'y(S), (T) also move forward because the Loading Gear Ass'y(S), (T) is rotated (Fig. 4-2-11-3).
- (4) Remove the Loading Gear Ass'y(S) and Slant Base Ass'y(S) from the pin "C" on the Loading Base Sub Ass'y.
- (5) Remove the Stopper Washer of Loading Gear Ass'y and disassemble the Slant Base Ass'y(S).
- (6) Remove the Loading Gear Ass'y(T) and and Slant Base Ass'y(T) from the pin "B" on the Loading Base Sub Ass'y.
- (7) Remove the Stopper Washer of Loading Gear Ass'y(T) and disassemble the Slant Base Ass'y (T).
- (8) Remove the Stopper Washer from the pin "A" on the Loading Base Sub Ass'y and disassemble the Cam Gear.



11-2. Reassembly (Fig. 4-2-11-1, 4-2-11-2)

- (1) Apply the Oil 1/2 drop on the pin "A" of Loading Base Sub Ass'y. (Fig. 4-2-11-2)
- (2) Apply the Grease on the deviant lines of Cam Gear. (Fig. A)
- (3) Stick the Cam Gear in the pin "A" of Loading Base Sub Ass'y adn then set the Stopper Washer.
- (4) Stick the Slant Base Ass'y(T) and the set theStopper Washer.
- (5) Assemble the Cam Gear and Loadilng Gear Ass'y by going in gear together.

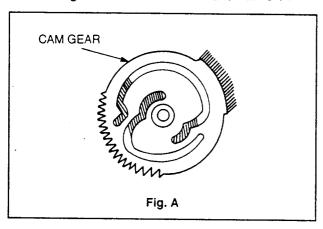


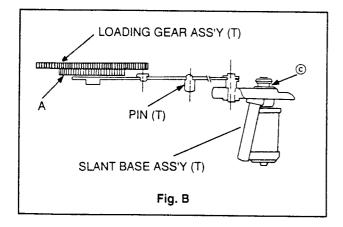
(Assembly Method)

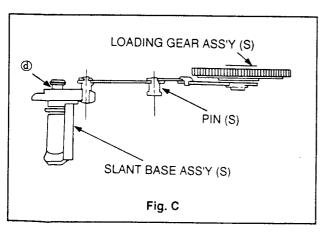
Apply the Oil 1/2 drop to the Pin "B". Accord the "assembly basic Hole", on the part unformed the teeth pattern by turning the Cam Gear, with the Guider Hole "E" forned on the Loading Base Sub Ass'y.

Fix the Loading Gear Ass'y(T) in the Pin "B". Accord the Guider Hole "F" in the center of cam Gear and Loading Cam Gear.

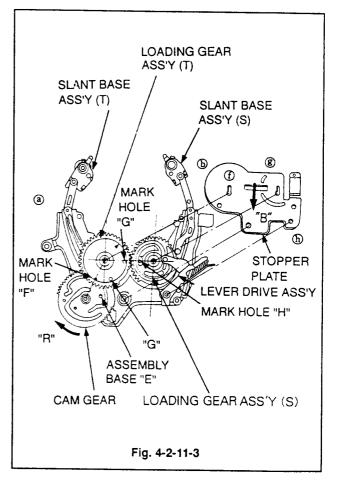
In the state, fix the little Gear(A) Teeth in the Cam Gear by pushing the Loading Gear Ass'y(T) from the Upside to the lower. (Fig. 2-11-3). And Check the Guider Hole "G" of Loading Gear Ass'y(T) is placed in the straight line between Pin "B" and Pin "C".







- (6) Stick the Pin "T" head of Loading Gear Ass'y(T) in the Guide Way "A" of Loading Base Sub Ass'y. (Fig. 4-2-11-3)
- (7) Stick the Slant Base Ass'y(S) in the Lever Hold of Loading Gear Ass'y(S) and Set the Stopper Washer. (Fig. 4-2-11-2)
- (8) Apply the Oil 1/2 drop in the Pin "C" of Loading Base Sub Ass'y. (Fig. 4-2-11-2). Go in gear the teeth of Loading Gear Ass'y(S) with the teeth of Loading Gear Ass'y(T).

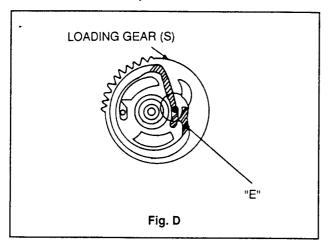


(Assembly Method)

Fix the Loading Gear Ass'y(S) in the Pin "C" and check the Guide Hole "H" is placed in the straght line between Pin "B" and Pin "C", After Assembly, Pin "B", Guider Hole "G", Guider Hole "H" and Pin "C" are placed on the straight line. (Fig. 4-2-11-3)

- (9) Stick the Pin(S) Head of Loading Gear Ass'y(S) in the Guide Way "B" of Loading Base Sub Ass'y. (Fig. 4-2-11-3)
- (10) Rotate the Cam Gear to the direction of "R"

 Stick the part "C" of Slant Base Ass'y(T) and part "D" of Slant Base Ass'y(S) in the Guide Way "A" and "B" of Loading Base Sub Ass'y and then rotate the Cam Gear to the direction of "R" until the rotaty is stopped.
- (11) Apply the Grease on the deviant Lines of Cam trace formed on the Gear. (Fig. D)
- (12) Apply the Oil 1/2 drop in the Pin "D" of Loading Base Sub Ass'y. (Fig. 4-2-11-3)
- (13) During sticking the Lever Drive Ass'y in the Pin "D" of Loading Base Sub Ass'y, stick the Pin "L" of Lever Drive Ass'y in the inside of Cam trace on the Loading Gear(S). (Fig. D, part "E")
- (14) Apply the Grease on the deviant Lines of Lever Drive Ass'y. (Fig. 4-2-11-3)
- (15) Set the Stopper Plate
- (16) Turn the Loading Base Ass'y over, and apply the Grease to the deviant lines of the upper part on the Guide Way.



(CHECKING) (Fig. 4-2-11-1)

- Check the Vertical hem of Loading Gear Ass'y(T) negative mark "D" and Loading Gear Ass'y(S) positive mark " " are accorded with each other.
- Check the stopper Plate Guider Hole "I" and Loading Gear Ass'y(T) negative mark "G" are accorded with each other.
- During the checking, if the wrong result is found, adjust the steps above again.

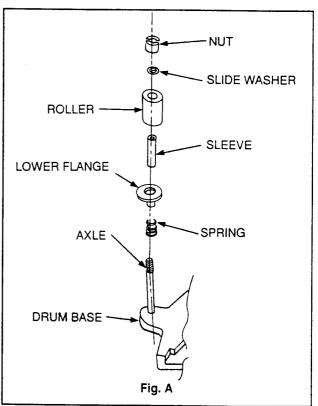
NOTES:

- During the Gears assembly, be careful of the Teeth of Gears get demaged by force.
- Do not force them umreasonably to disassembly and assembly.
- During the Slant and Base Ass'y(C), (T) disassembly and assembly, be careful of the obstruction adhere to the Roller and Post.

12. DRUM BASE ASS'Y AND INERTIA ROLLER ASS'Y

12-1. Disassembly (Fig. 4-2-12) (Fig. A)

- (1) Remove 3 Screws and ever remove Drum Base Ass'y.
- (2) Remove the Nut.
- (3) Remove the Slide Washer, Roller, Sleeve, Lower Flange and Spring.

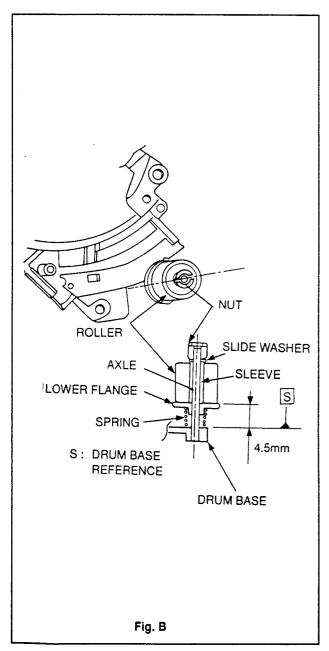


12-2. Reassembly (Fig. 4-2-12) (Fig. A)

- (1) Install the Spring, Lower Flange, Sleeve, Roller and Slide Washer on the Axle of Drum Base.
- (2) Fix the Axle by rotating the Nut four or six times.
- (3) Stick the Guide Bosses 2 point of Drum Base Ass'y in the Boss refuge Holes on the upper part of the Mechanism Chassis from above to below.
- (4) Set 3 Screws to fix the Drum Base Ass'y.

NOTES:

- Use the about 2kgf cm Torque to set Screw.
- Be careful so the Roller surface is not to be dirted during disassembly and assembly.

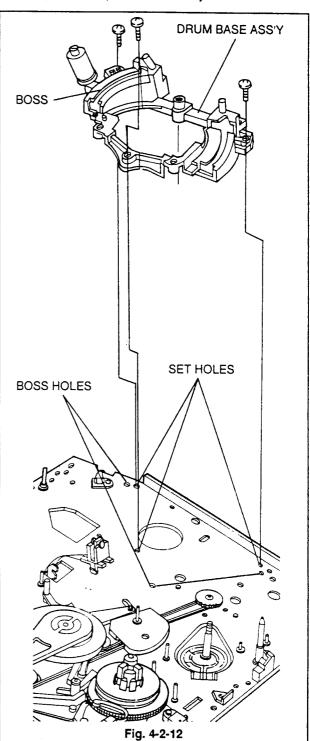


12-3. Roller Height Adjustment (Fig. B)

(1) Adjust the height of Drum Base Lower Side and Lower Frange upper Side by rotating the Nut.

NOTE:

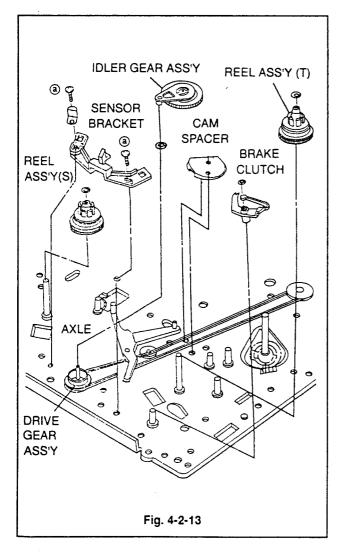
· Readjust the Tape Path after adjustment.



13. BRAKE CLUTCH, REEL ASS'Y(S), REEL ASS'Y(T), SENSOR BRACKET, IDLER GEAR ASS'Y AND CAM SPACER

13-1. Disassembly (Fig. 4-2-13)

- (1) Remove the Stopper Washer and remove the Brake Clutch.
- (2) Remove the Stopper Washer and remove the Slide Washer after disassembly the Reel Ass'y (T).
- (3) Remove the Reel Ass'y(S) and then remove the Slide Washer.
- (4) Remove the Screw @ and Sensor Bracket.
- (5) Disassemble the Idler Gear Ass'y and remove Slide Washer.
- (6) Remove the Cam spacer.



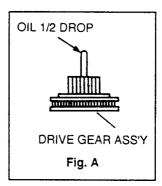
13-2. Reassembly (Fig. 4-2-13)

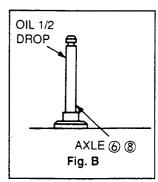
(1) Stick the Guide Bosses 2 point of Cam Spacer in the Guider Bosses 2 point on the upper part of the Mechanism Chassis in the bottom of the Chassis by pushing from above to helow.

(2) Stick the Slide Washer on the Axle and then apply the Oil 1/2 drop and assemble the Idler Gear Ass'y on the Axle. (Flg. A). During assembling the Idler Gear Ass'y, go in

gear the idler Gear teeth with Gear teeth on the upper part of Drive Gear Ass'y.

- (3) Stick the Guide Boss 2 point of Sensor Bracket in the Guide Holes 2 point on the upper part of Mechanism Chassis and set right part with Screw.
- (4) Push the Spring Arm (a) of Brake Reel Ass'y to be supported to the side wall of Sensor Bracket.
- (5) Stick the Slide Washer on the Axle and apply the Oil 1/2 drop to the Axle and assemble the Reel Ass'y (S). (Fig. B)
- (6) Stick the Slide Washer on the Axle and apply the Oil 1/2 drop to the Axle and assemble the Reel Ass'y(T). (Fig. B)
- ⇒ Assemble the Reel Ass'y(T) carefully and go in gear the Brake Reel Ass'y teeth with Reel Ass'y (T) teeth by rotating the Lever Brake Ass'y to the direction of "R".
- (7) Set the Stopper Washer on the Axle.
- (8) Set the Brake Clutch and then the Stopper Washer on the Axle.
- ⇒ Assemble the bow of Brake Clutch to be Supported to the Side wall of Reel Ass'y(T).





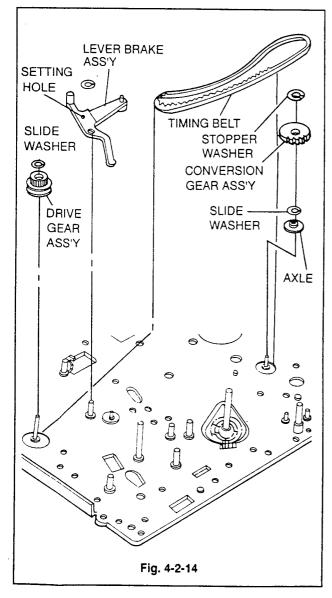
NOTES:

- Be careful so the bow of Brake Clutch is not to be transformed.
- Do not enguage with the Gears by forces, because the Idler Gear is easy to get demaged during the Idler Gear Ass'y.
- Be careful so the teeth is not to get demaged during assembling the Brake Reel Ass'y and Reel Ass'y(T).
- Do not force the Spring Arm unreafonably during the disassembly and reassembly of Spring Arm on the Brake Reel Ass'y, it may cause the transformation of Spring.
- Use the about 1.2kgf cm Torque to set Screw.

14. BRAKE REEL ASS'Y, LEVER BRAKE ASS'Y, TIMING BELT, IDLER BELT, DRIVE GEAR ASS'Y, CONVERSION GEAR ASS'Y

14-1. Disassembly (Fig. 4-2-14)

- (1) Remove the Stopper Washer and remove the Brake Reel Ass'y.
- (2) Remove the Timing Belt. Release the Timing Belt stuck in the Idler Belt and then remove the Timing Belt from the Drive Gear Ass'y.
- (3) Loosen the Stopper Washer, and remove the Idler Belt and Slide Washer.
- (4) Remove the Drive Gear Ass'y and Slide Washer on the Axle.
- (5) Loosen the Stopper Washer, and remove the Conversion Gear Ass'y and Slide Washer.



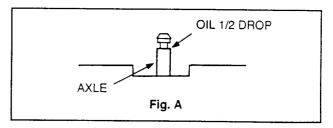
14-2. Reaseembly (Fig. 4-2-14)

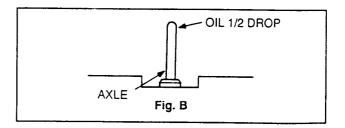
(1) Stick the slide washer on the Axle and apply the oil 1/2 drop on the Axle. (Fig A)

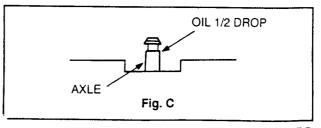
- (2) Assemble the conversion Gear Ass'y on the Axle and set the stop washer.
- (3) Assemble the slide wahser on the Axle and apply the oil 1/2 drop on the Axle. (Fig B)
- (4) Assemble the Grive Gear Ass'y on the Axle.
- (5) Stick the Idler Belt on the Axle and apply the oil 1/2 drop on the Axle.
- (6) Assemble the Idler Belt on the Axle and set the stopper wahser.
- (7) Assemble the Timing Belt. Hook the Timing Belt on the lower Gear of Conversion Gear Ass'y and assemble the vertical port(no teeth part) on the lower teeth part of Drive Gear Ass'y by hooking on the vertical part of IdlerBelt. (Fig. 4-2-13) Apply the oil on the teeth of Timing Belt.
- (8) Assemble the Lever Brake Ass'y on the Axle and set the stopper washer, and then fit the Guider Hole to the cognition hole by rotating the Lever Brake Ass'y.
- (9) Stick the Lever Brake, on the Axle and set the Stopper Washer, At this time, assemble so the part "B" on the Lever Brake Ass'y is to be inserted in the Mouth part "A" on the Brake Reel Ass'y. (Fig. 4-2-13)

NOTE:

Do not force to be transformed unreasonably during the Timing Belt disassembly/assemly.







15. DRUM ASS'Y DISASSEMBLY

15-1. Disassembly

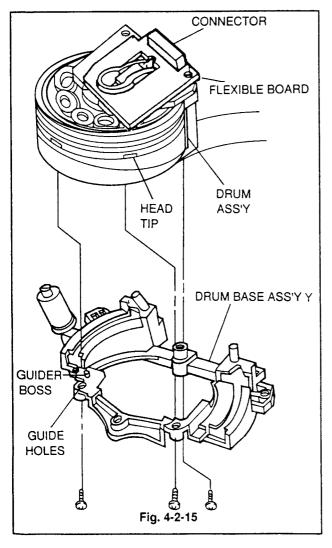
- (1) Set the Unit to the ULC Mode (Unloading mode).
- (2) Remove the Flexible Board and connector.
- (3) Loosen the 3 screws on the Lower part of Chassis and remove the Drum Ass'y from the Drum Base Ass'y.

15-2. Reassembly

- (1) Fit 2 Guider Bosses formed on the Drum Base Ass'y with the Guider refuge Holde on the Lower part of Drum Ass'y, and then set the Drum Ass'y with 3 screws through the Guide Hole of Drum Base Ass'y on the Lower Part of chassis.
- (2) Link the connector to the Flexible Board.

NOTES:

- During the Flexible Board and connector disassembly/assembly, be careful to the Line Cutting or transformation.
- Do not touch the Head Tip.
- · Readjust the Tape path of ter assembly.
- Use the about 2kgf cm Torgue to set screw.



16. DRUM DISASSEMBLY

16-1. Disassembly

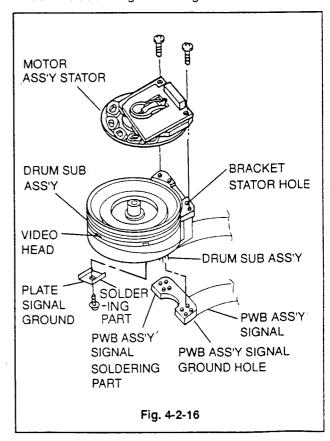
- (1) Loosen 2Screws on the upper part of Drum Ass'y and remove the Motor Ass'y stator.
- (2) Remove the lead from the soldering part on the Lower part of Drum Ass'y, and remove the Plate Signal by loosening 1 Screw.
- (3) Remove the lead from the PWB Ass'y signal soldering part on the Lower part of Drum Ass'y and remove PWB Ass'y signal.

16-2. Reassembly

- (1) Assemble the Drum to fit the PWB Ass'y signal Hole and the Drum Sub Ass'y pin properly, and solder on the soldering part of PWB Ass'y signal.
- (2) Assemble the Plate Signal Ground on the Drum Sub Ass'y with 1 screw, an then Solder on the soldery part of Plate signal Ground.
- (3) Assemble the Motor Ass'y Stator in the Bracket Stator Hole with 2 screws on the upper part of Drum Sub Ass'y.

NOTES:

- During the parts assembly, do not scratch on the surface of Drum.
- Be careful so the Video Head is not to be damaged.
- Solder carefully after assembling the PWB Ass'y Signal.
- Use the about 2kgf cm Torgue to set screw.



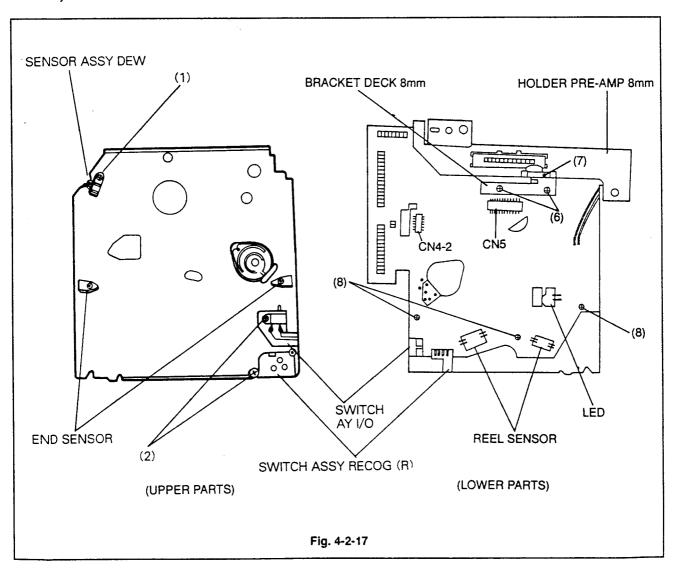
17. PCB ASS'Y DECK

17-1. Disasembly

- (1) Remove 1 screw (4) and 1 screws (5) on the upper parts of chassis.
- (2) Remove the Holder PRE-AMP 8 mm, BRACKET DECK 8mm after release, screw (6) and screw (7).
- (3) Remove 3 screw (8) and remove the solder of Mode switch, LED.
- (4) Remove the PCB ASS'Y DECK JUNTION.

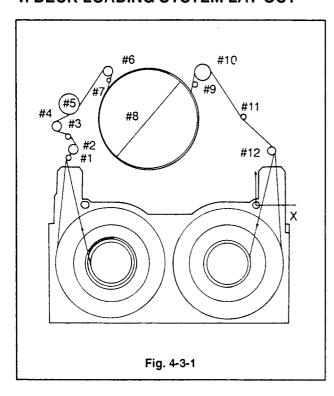
17-2. Reassembly

Perform the reassembly to the reverse order of assembly above.



DECK MECHANISM ADJUSTMENT

1. DECK LOADING SYSTEM LAY-OUT



#1: TENSION POST (#2)

#2: GUIDE ROLLER (N) (4)

#3: SLANT POST (2)

#4: GUIDE ROLLER (4)

#5: INERTIA ROLLER (=P1) (@ 8)

#6: GUIDE ROLLER (S) (=P2) (4)

#7 : SLANT POST (S) (2)

#8: DRUM (40)

#9: SLANT POST (T) (#2)

#10 : GUIDE ROLLER (T) (=P3) (\$\varphi\$6)

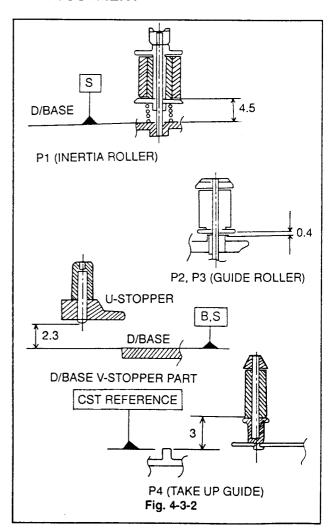
#11: CAPSTAN (1.995)

#12: TAKE UP GUIDE (=P4) (@3)

2. PREPARATIONS

- 1 Cleaning water.
- 2 Chanois cloth.
- ③ Cotton stick
- 4 Dental mirror.
- (5) Torgue CST Tape, Alignment Tape and PLAY/RECORDING Tape.
- 6 Hexagonal Wrench(0.89mm) or L-Wrench.
- ⑦ Small(-) Driver⇒P1, P4 Adjustment.
- Oircuit jig for Deck adjustment.

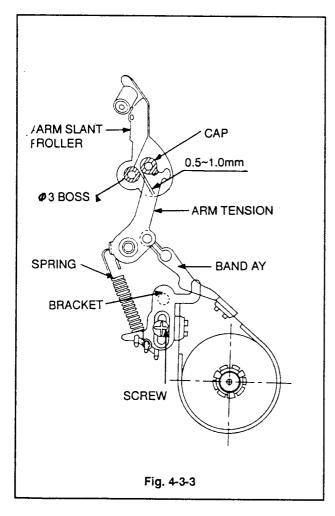
3. LOADING POST FIRST HEIGHT ADJUSTMENT



4. TENTION ARM POSITION AND BACK TENTION ADJUSTMENT

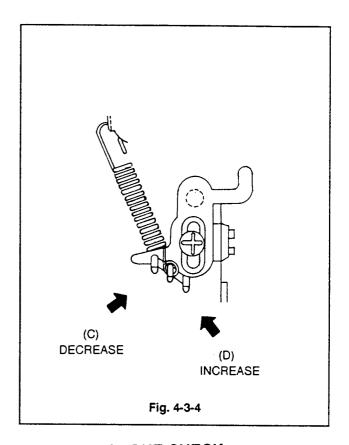
4-1. Tension Arm position Adjustment

- (1) Set the Deck mechanism to the Ope-Mode in No Tape state ⇒using the Circuit Fixture.
- (2) Check the gab between ₱3 Boss of Arm Slant Roller and Cap of Arm Tension is 0.5~1.0 mm. If the gab is over the range, adjust as follows.
- (3) Remove the screw on the Bracket fixing the Band Ass'y.
- (4) Set the Bracket to the desired position by pushing to the direction of A or B and then set the screw.



4-2. Back Tension Adjustment

- (1) After step 4-1 Adjustment, insert the Torgue CST Tape in the Unit and set to the Ope-Mode.
- (2) Check the Back Tension Torgue of Supply side is in 6.5 ± 2 (gf-cm).
- (3) If the measuring value is more than the range, hook the spring of Bracket to (c), and if the value is less than hook to (D).
- (4) Check the Back Tension is in the range by performing the Step 1) and 2) repeatedly.



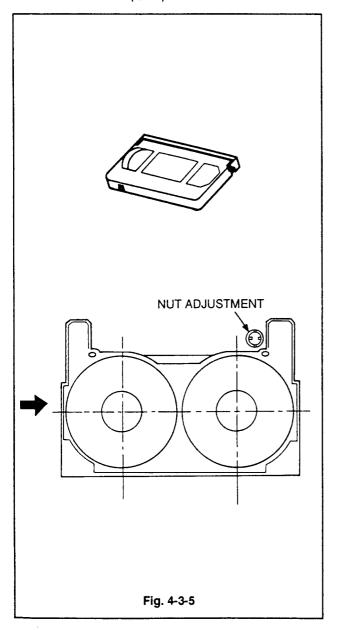
1.5. REEL TORQUE CHECK

Inset the Torque CST Tape in the unit and check the spec as follows;

| MODE | UNIT | SPEC | REMARKS |
|------------|---------|--------|----------------|
| OPC CUE | gr. cm | 12.5±4 | At T/up Reel |
| REVERSE | gr · cm | 35±6 | At Supply Reel |
| REVIEW | | 12.5±4 | At T/up Reel |

6. TAPE PATH ADJUSTMENT

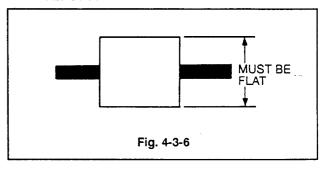
The 8mm Video can control the Tape speed instantaneously using the pilot signal, and adjusst very correctly using the ATF(Automatic Track Finding) method, so the adjustment by Tracking control knob is not need. But in case of ATF method, the Tape Path adjustment is difficult. That is, the perfect adjustment is difficult through the ATF method, because it compensates the Head Tracking Error to extent. Therefore, select the Track shift Mode for is possible and the Tracking control is easy. NOTE for P4 Guide (#12).



6-1. Adjustment preparation

- (1) Wipe the Tape path. (Tape Guides, Drum, Capstan Shaft, Pinch Rollor)
- (2) Set the oiscilloscope for the Waveform Output.
- (3) Play Back the alignment Tape for Tracking control.
- (4) Chck the RF Waveform of Oscilloscope in the Entrance/Exit is flat Otherwise, adjust as follows;

WAVEFORM



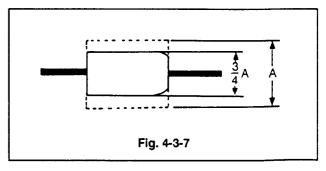
6-2. Tracking Control

- (1) Playback the Aligment Tape for Tacking contrl.
- (2) Using the Running Control stick, rotate the P2-Guide so the waveform of entrance side is to be flatted.
- (3) Using the Running control stick, ortate the P3-Guide so the waveform of exit side is to be flatted.

6-3. Tracking Fine Adjustment

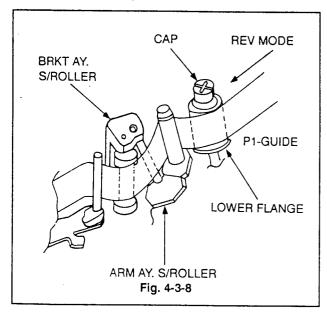
- (1) Playback the Alignment Tape for Tracking control and set the unit to the Track shift mode.
- (2) Check the waveform is flat. Otherwise, roate the P2-Guide and P3-Guide so it is to be flatted.
- (3) Set the Lock screw of P2 side using the Hexaponal Wrench 4 L-Wrench, etc. At this time, check the entrance of waveform is not change.
- (4) Set the Lock Screw in the P3 side using the hexaponal Wrench 4 L-Wrench, etc. At this time, check the exit side of waveform is not changed.

WAVEFORM



6-4. P1-Guide (Inertia Roller) Adjustment

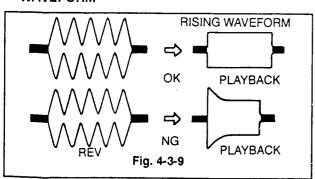
- (1) Playback the P6-120MP Tape, and then set the unit to REV Mode.
- (2) Check the distortion is occurred in the Lower Flange of P1-Guide. If it appears, bring the Cap of P1-Guide a lower by rotating it to the clockwise with the driver until the tape is flatted.
- (3) Playback the Alignment tape for the Tracking control.
- (4) Perform the Tracking Control and Tracking Fine Control.
- (5) In the Track Shift state, playback the tape again after CUE/REV. At this time, check the RF Waveform is stabled horizontality in 2secs.
- (6) If not, rotate the cap of P1-Guide to an angle of 90 degrees of counter-clockwise and then perform step 5 again.



NOTES:

- ① Repeat Step(5),(6) until the normal waveform ranged is become. At this time, if the RF waveform is changed, perform the Track Fine adjustment of Entrance side and then repeat step(5) again.
- ② Druing FF/REW Mode, check the Curl or Tape Jam are occurred on the #4 Guide Roller Upper/Lower Flange of Bracket AY, S/Roller.

WAVEFORM

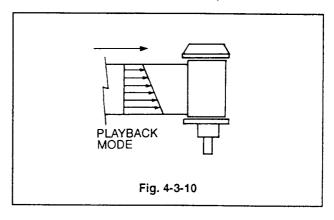


6-5. P4-Guide(T/Up Guide) Adjustment

- (1) Playback the Alignment Tape for Tracking control and set the unit to the REV-Mode.
- (2) Check the Tape transformation is not occurred between the P3-Guide and Capstan Shaft. If it occurrs, rotate the P4-Guide Height Adjustment Cap until the Tape transformation is ridded.
- (3) Set the unit to the playback Mode, and then check the Tape transformation is not occurred between the Capstan shaft and P4-Guide(within 0.5mm) If the Tape transformation is more than 0.4mm, adjust the P4-Guide Height unil it is become within 0.5mm.

NOTES:

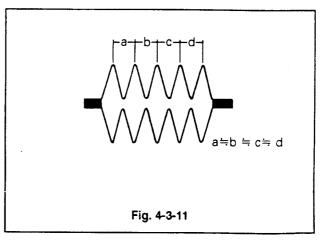
- When the unit is set to the REV*Mode. it is good adjustment that the transformation between P3-Guide and Capstan Shaft is appeard within 0. 3mm.
- The Upper/Lower Tape Tension distribution in the P2,P3-Guide must be as follows:



6-6. CUE/REV Waveform check

- (1) Playback the Alignment Tape for Tracking control and then set the unit to the REV Mode. Check the top of each waveform is sustained with the regular width of 5 or more than 5. Otherwise, perform Item 6-3.
- (2) Set the unit to the CUE-Mode. Check otherwise, perform Rem 6-3.

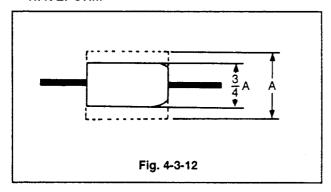
WAVEFOSM



6-7. Check after Adjustment

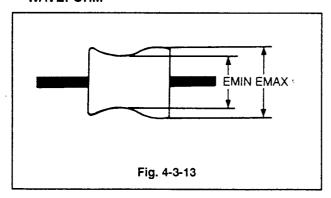
- (1) Tracking Check
 - 1) Check the width of RF Wavefrom is reduced to about 3/4 when do the unit set to the Track Shift position.

WAVEFORM



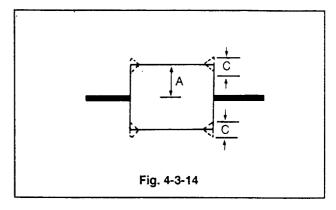
2) Check the Minimum width (Emin) is the 65% of Maximum Width (Emax) or more than 65%.

WAVEFORM



- 3) Check the Waveform is not changed greatly.
- (2) Rising Check
 - 1) Playback an Alignment Tape for Tracking Control.

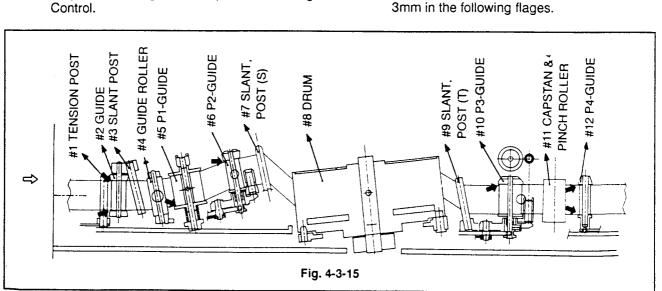
WAVEFORM

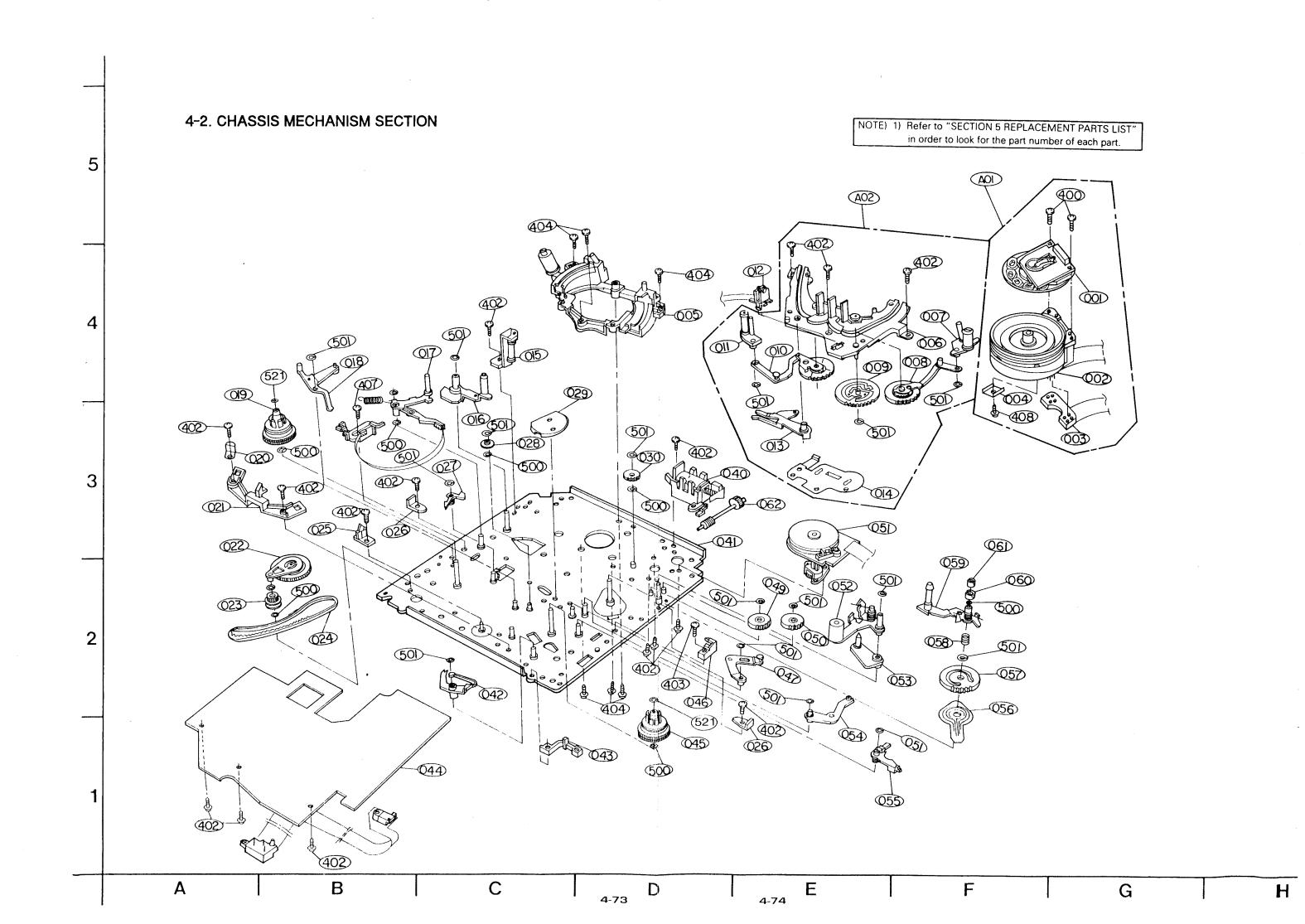


- 2) Release the Tracking Shift State.
- 3) Unload the tape and load again.
- 4) Set the Unit to the PLAY mode and check the RF Waveform is stabilized within 2 Secs, horizontally, Also, check the tape is distorted around the Pinch Roller.
- 5) Set the Unit to the CUE/REV and FF/REW modes and then playing back again, check the RF Waveform is stabilized within 2 Secs, horizontally, Also, check the tape is distorted around the Pinch Roller.
- 6) Check the process from 3) to 5) repeatedly.
- (3) TAPE PATH Adjustment
 - 1) Playback the Ps-120MP (NTSC) or Ps-90MP (PAL) Cassette Tape.

Check the Tape gets on or the Tape folded state is within 0.3mm in the following flanges; ① Upper and Lower Flange of #2 Guide.

- 2 Lower Flange of #5 P1-Guide
- (3) Upper Flange of #6 P2-Guide
- 4 Upper Flange of #10 P3-Guide ⑤ Upper and Lower Flange of #12 P4-Guide
- 2) During Playback Mode, press the FF key to set CUE Mode or press the REW key to set REV Mode, and at this time, check the Tape gets on or the Tape folded state is within 0.





SECTION 5 REPLACEMENT PARTS LIST

1. Mechanical Section

1-1. VHS Mechanism

RUN DATE: 94.02.14
NSP: Not Service Part

| SAI | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|-----|---------|------------------|-------------------|--------------------------|---------|
| | | | ASSEMBLY PARTS SE | ECTION | ····· |
| | A00 | 412-126B | DECK | ASSY D-17 (4HD VCR PAL) | |
| 0 | | 412C126B | DECK | ASSY D-17 | |
| 01 | | 412G126B | DECK | ASSY D-17 | |
| 01 | 1 | 412H126B | DECK | ASSY D-17 | |
| | I . | 412W126B | DECK | ASSY D-17 | |
| | A01 | 413-303B | DRUM | ASSY D17 F5CH (PAL) | |
| | A02 | 386-296B | ARM | ASSY CL | |
| | 1 | 311-005G | CHASSIS ASSY' | D17 | NSP |
| | A03 | 311-005 M | CHASSIS ASSY' | D17 | NSP |
| | A04 | 456-048A | REEL | ASSY SUPPLY POM 7G | |
| | A05 | 456-045A | REEL | ASSY T/UP POM 7G | |
| 1 | A06 | 321-397D | BRACKET | ASSY F/R | |
| | A07 | 225-228A | BASE | ASSY A/C | |
| | 1 | 225-248A | BASE | ASSY,P2 | • |
| | 80A | 225-248B | BASE | ASSY P2 (W-W) | İ |
| | | 225-249A | BASE | ASSY,P3 | |
| | A09 | 225-249B | BASE | ASSY P3 (W-W) | |
| | A10 | 414-104A | MOTOR | ASSY LOAD | |
| | A11 | 333-209E | LEVER | ASSY PINCH | |
| | A20 | 321-401A | BRACKET | ASSY BOTTOM | |
| | A21 | 333-208A | LEVER | ASSY RAT | |
| 1 1 | A22 | 338-078A | BRAKE | ASSY CAP | |
| | A23 | 386-218A | ARM | ASSY LOAD(R) | |
| | A24 | 386-219A | ARM | ASSY LOAD(L) | |
| | A25 | 511-997B | PWB ASSY! | D-17, VCR | |
| | A30 | 219-017F | HOUSING | ASSY (D17) | |
| | A32 | 435-257B | GEAR | ASSY DRIVE (HOOK ADDED) | |
| | A33 | 321-406A | BRACKET | ASSY CARRIER | |
| | A34 | 321-441A | BRACKET | ASSY SIDE | |
| | A35 | 515-106A | PWB ASSY | SENSOR | |
| | | | PARTS SECTION | 1 | _ |
| | 001 | 413-304B | DRUM | ASSY UPPER (D17-F5CH)PAL | |
| | 002 | 413-305A | DRUM | ASSY,LOWER (D17-F5CH) | |
| | 005 | 225-231B | BASE | ASSY D-BRUSH | 1 |
| OF | 1 | 225-220A | BASE | DRUM | NSP |
| | 006 | 225-220B | BASE | DRUM (W-W) | NSP |
| OF | 1 | 225-220C | BASE | DRUM (Y-H) | NSP |
| | 007 | 386-297A | ARM | SUB ASSY CU | |
| | 008 | 442-460B | SPRING | CU | |
| | 009 | 442-459A | SPRING | CL | |
| | 010 | 386-295B | ARM | CL | |
| | 012 | 384-071A | GUIDE | 17 | |
| | 014 | 378-017A | SLEEVE | P1 | |
| | 015 | 434-178A | ROLLER | P1 | |
| OF | | 434-178B | ROLLER | P1 | |
| | 016 | 389-003B | ADJUST | P(4) | |
| | 018 | 386-205A | ARM | ASSY TENSION | |

| s | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|--------|---|----------------------|-------------|------------------------|---------|
| | | 019 | 442-331C | SPRING | TENSION | |
| | | 020 | 328-052B | BAND | ASSY TENSION | |
| | | 021 | 334-066A | STOPPER | P1 | |
| | | 027 | 435-243A | GEAR | IDLE A POM 3G | |
| | | 028 | 435-244A | GEAR | IDLE B POM 3G | |
| | | 029 | 456-040A | REEL | | l von |
| | | 030 | 442-341A | SPRING | T17 | NSP |
| | | | l. | | REEL | NSP |
| İ | | 031 | 276-068A | CAP | REEL | NSP |
| | | 032 456-039A REEL | | | S17 | NSP |
| l | | 036 | 435-240A | GEAR | F/R POM 3G | |
| İ | | 037 | 442-336A | SPRING | UP/D | NSP |
| | | 038 | 435-239A | GEAR | UP/D POM 3G | NSP |
| İ | | 040 333-201B LEVER | | LEVER | ASSY F/R | NSP |
| i | | 044 | 442-338B | SPRING | SSB | NSP |
| | | 045 | 338-081A | BRAKE | S-SOFT | NSP |
| | | 046 | 442-337A | SPRING | SMB | NSP |
| | | 047 | 338-080A | BRAKE | ASSY S-MAIN | NSP |
| | | 048 | 442-339D | SPRING | TSB | NSP |
| | | 049 | 338-083A | BRAKE | ASSY T-SOFT | NSP |
| | | 050 | 321-396A | BRACKET | SUB ASSY F/R | |
| | | 054 | 389-013A | ADJUST | X-ASSY | NSP |
| | 056 | | 378-018A | SLEEVE | · · | |
| | | 060 442-343A SPRING 061 386-387B ARM | | | P4 | |
| | | | | | T/UP | |
| | | | | | ASSY T/UP | |
| | | 065 | 442-332A | SPRING | A/C | |
| | | 066 | | | SUB ASSY A/C | NSP |
| | | 068 | 523-089A | HEAD | SUB ASSY A/C | |
| | | 069 | 442-362A | SPRING | AZIMUTH | |
| | | 070 | 338-085A | BRAKE | ASSY T-MAIN | |
| | | 071 | 442-344A | SPRING | TMB | |
| | | 074 | 434-173A | ROLLER | ASSY GUIDE | |
| | | 075 | 353-054B | SCREW | MINIATURE | |
| | | 076 | 225-226B | BASE | SUB ASSY SLALT (L,W-W) | |
| | | 077 | 225-225B | BASE | SUB ASSY SLALT (R,W-W) | |
| | | 081 | 414-105A | MOTOR | SUB ASSY,L | |
| | | 082 | 437-009A | WORM | ASSY | |
| | | 083 | 321-410A | BRACKET | 1 | |
| | | 084 | 433-023A | WHEEL | SUB ASSY L/M | |
| | | 087 | 321-470A | BRACKET | WORM | |
| | | 088 | 435-448A | | ASSY DEW | |
| | | 090 | 433-446A 442-347A | GEAR | PINCH (N) | إ |
| | | 090 | | SPRING | PINCH | NSP |
| | | , | 386-210A | ARM | ASSY PINCH | NSP |
| | | 092 | 442-346A | SPRING | STOPPER | NSP |
| | | 093 | 334-050C | STOPPER | PINCH | NSP |
| | OR | 094 | 434-181A | ROLLER | ASSY PINCH | |
| | | 094 | 434-181B | ROLLER | PINCH D14 X L18 | |
| | | 095 | 276-089B | CAP | PINCH | NSP |
| | | 096 | 333-203A | LEVER | PINCH | NSP |
| | | 098 | 333-344A | LEVER | T-UP (N) | ,,,,, |
| | | 100 | 321-463A | BRACKET | SUB ASSY B | NSP |
| - | | 102 | 435-249A | GEAR | RAT1 | NSP |
| | | 103 442-356A SPRING | | | NSP NSP | |
| | | 104 356-208A PIN | | 1 | | |
| | | 106 | 442-345A | SPRING | F-LEVER | NSP |
| | | 107 | 333-202A | LEVER | RAT | NSP |
| | لــــا | 101 | שטיבטבה | LLVEN | RAT | NSP |

NSP: Not Service Part

| S | ΔΙ | LOCA NO | PART NO(GS) | DESCRIPTION | | t Service Par |
|----|-----|--------------|--|-------------|------------------------------|---------------|
| | | | | | SPECIFICATION | REMARKS |
| ı | | 108 | 333-207A | LEVER | F17 | NSP |
| | | 110 | 374-005A | CAM | D17 POM 10G | |
| | | 111 | 435-318A | GEAR | ASSY RACK F/L | |
| | | 112 | 435-291A | GEAR | ASSY RACK T | |
| | | 113 | 435-246A | GEAR | PC POM 3G | |
| | | 114 | 414-121B | MOTOR | CAPSTAN, GVC017S | 1 |
| 1 | | 115 | 452-047A | BELT | CENTER D71.9 X SQRT2.0 | |
| | | 116 | 256-734A | PLATE | F17 | |
| | | 117 | 442-342B | SPRING | FP | |
| | | 120 | 338-089A | BRAKE | SUB ASSY CAP | ĺ |
| | 1 | 121 | 442-333A | SPRING | CAPSTAN | |
| | l | 122 | 432-038A | PULLEY | GEAR POM 3G | |
| | | 130 | 337-005A | CLUTCH | ASSY POM 7G FELT 20X1X1T 2EA | |
| | | 131 | 324-643A | HOLDER | LED | |
| | | 132 | 324-642A | HOLDER | R/S | |
| | | 133 | 513-494B | PWB | JUNCTION D-17 242X121X1.6T | NSP |
| | | 134 | 556-133A | SWITCH | MODE | 110 |
| | OR | 134 | 556-133B | SWITCH | MODE, ALPS | |
| | OR | 135 | 0DL451000AA | DIODE LED | IR SENSOR GL451(LONG) SHARP | |
| | | 135 | 0DL550000AB | DIODE LED | IR SENSOR EL-55L(LONG) KOC | · |
| | | 136 | 657-102K | SENSOR | SG-105(REEL) D-16 KOC | |
| | | 137 | 556-131A | SWITCH | ESE-105SV1 | |
| | | 138 | 435-234A | GEAR | LOAD(R) | |
| | | 139 | 442-330A | SPRING | LOADING | |
| | | 140 | 386-274A | ARM | SUB ASSY (R) | - |
| | | 142 | 435-235A | GEAR | LOAD(L) | I |
| | | 143 | 442-330B | SPRING | LOADING | I |
| | | 144 | 386-273A | ARM | SUB ASSY (L) | |
| | | 146 | 333-218A | LEVER | ASSY A-TEN | ĺ |
| | - 1 | 150 | 321-527A | BRACKET | ASSY C-GUIDE | j |
| | | 201 | 256-934B | PLATE | TOP | 1 |
| | | 204 | 465-026A | OPENER | DOOR | 1 |
| | | 205 | 321-517B | BRACKET | LEFT (D17) | |
| | | 206 | 321-518A | BRACKET | RIGHT (D17) | |
| | | 207 | 435-278A | GEAR | RACK N/D | |
| | | 208 | 256-910A | PLATE | GND TOP | |
| | | 210 | 321-440A | BRACKET | SIDE | |
| | | 213 | 442-351A | SPRING | OC | NSP |
| | | 214 | 465-028A | OPENER | CST | NSP |
| | | 215 | 442-357A | SPRING | RID | NSP |
| | | 216 | 465-027A | OPENER | RID | NSP |
| | ŀ | 217 | 324-647A | HOLDER | R | NSP |
| | | 218 | 321-407A | BRACKET | SUPPORT | NSP |
| | | 219 | 321-405A | BRACKET | CARRIER | NSP |
| | | 220 | 324-646A | HOLDER | L | NSP |
| | | 221 | 333-210A | LEVER | DT | NSP |
| | | 222 | 442-358B | SPRING | DT | NSP |
| | | 225 | 384-074A | GUIDE | CST | |
| | | 226 | 442-352A | SPRING | L | NSP |
| | | 227 | 435-254A | GEAR | L | NSP |
| | | | | SPRING | S/W | |
| | | 1 | | LEVER | S/W | NSP |
| | | | i i | SHAFT | D | NSP |
| | | | 1 | SPRING | R | NSP |
| L_ | | LUL | 435-255A | GEAR | R | NSP |

| s | AL L | OCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|-----------------------------|--------|-------------|--------------------------------|-----------------------|---------|
| | \top | 233 | 435-256B | GEAR | C (HOOK ADDED) | NSP |
| | | 234 | 442-359C | SPRING | CUSHION (D17F/L) | NSP |
| | | 235 | 442-354A | SPRING | CC | NSP |
| | | 236 | 276-086A | CAP | DRIVE | NSP |
| | | | | SCREW | | |
| | | 400 | 1MDC0302418 | PAN HEAD MACHINE SCREW P/WASH+ | D 3.0 L 8.0 MSWR3/FZY | |
| | | 401 | 1MPK0261418 | PAN HEAD MACHINE SCREW +,- | D 2.6 L 4.0 MSWR3/FZY | |
| Ì | | 402 | 353-021D | SCREW | SPECIAL | |
| | | 404 | 353-048C | SCREW | CONE POINT 3X10 | |
| 1 | 408 1MBC0302418 | | | BINDING HEAD MACHINE SCREW + | D 3.0 L 8.0 MSWR3/FZY | |
| | 1 1 111 1 200 1 100 | | | SCREW | SPECIAL (3X8 FZMY) | |
| | 1 112 11120000000 21110 | | 1 | BINDING HEAD MACHINE SCREW + | D 3.0 L 12 MSWR3/FZY | |
| | | 421 | 1MPC0302618 | PAN HEAD MACHINE SCREW +! | D3.0 L10.0,MSWR3/FZY | |
| | | 422 | 1MPC0302418 | PAN HEAD MACHINE SCREW +! | D 3.0 L 8.0 MSWR3/FZY | |
| | | 425 | 1SRF0302418 | BRAIZER HD TAP TITE SCREW + | D 3.0 L 8.0 MSWR3/FZY | |
| | | 426 | 1MPC0302018 | PAN HEAD MACHINE SCREW +! | D 3.0 L 6.0 MSWR3/FZY | |
| | | | | NUT, WASHER | | • |
| T | | 503 | 354-020E | WASHER | STOPPER | |
| | 1 1 | 504 | 354-001B | WASHER | P.S D3.1XD6X0.5T | |
| | | 505 | 354-080E | WASHER | STOPPER | |
| | | 506 | 352-025A | NUT | NYLON M3 | |
| | | 507 | 354-020J | WASHER | STOPPER(2.6X4.8X0.5) | |
| 1 | | 511 | 354-080C | WASHER | STOPPER | |
| | | 512 | 354-080E | WASHER | STOPPER | NSP |
| | | 513 | 354-080A | WASHER | STOPPER | NSP |
| | | 514 | 354-080B | WASHER | STOPPER | NSP |
| | | 516 | 354-033B | WASHER | STOPPER | |

1-2. 8mm Mechanism

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|-----|-----|------------|----------------------|------------------|-----------------------------|---------|
| | | | | ASSEMBLY PARTS S | ECTION | |
| | | A00 A01 | 412-133A 413-306A | DECK DRUM | SUB ASSY D-21 (F/L) ASSY | |
| | | A02 | 225-282A | BASE | ASSY LOADING | |
| | | A30 | 219-021A | HOUSING | ASSY F/L (D-21) | |
| | | 08A | 412-132A | DECK | ASSY D-21 (F/L) | |
| | | | | PARTS SECTIO | N | |
| | | 001 | 414-156C | MOTOR | D-21 STATTOR, DRUM DM-21 | NSP |
| | | 002 | 413-352A | DRUM | SUB ASSY | Nor |
| | | 003 | 515-655B | PWB ASSY! | DRUM SIGNAL | NSP |
| | | 004 | 255-148A | PLATE | SIGNAL GROUND | INSP |
| | | 005 | 225-279A | BASE | ASSY DRUM | |
| | | 006 | 225-283A | BASE | SUB ASSY LOADING | |
| | | 007 | 225-285A | BASE | ASSY S/POST(T) | |
| | | 008 | 435-329A | GEAR | | 1 |
| | | 009 | 435-327A | GEAR | SUB ASSY LOADING(T) | |
| | | 010 | 435-332A | GEAR | CAM | |
| | | 010 | 225-288A | BASE | SUB ASSY LOADING(S) | 1 |
| | | 011 | | | ASSY S/POST(S) | |
| | | 012 | 657-031A | SENSOR | ASSY LED | 1 |
| | | 013 | 333-264A | LEVER | ASSY DRIVE | |
| | | | 255-058A | PLATE | L/BASE | |
| | | 015 | 321-535A | BRACKET | ASSY SLANT GUIDE | |
| | | 016 | 386-310A | ARM | ASSY SLANT ROLLER | |
| | | 017 | 386-313A | ARM | ASSY TENSION | |
| | | 018 | 333-254A | LEVER | ASSY BRAKE | |
| | | 019 | 375-015A | DISC | ASSY REEL(S) | |
| Ì | | 020 | 222-019A | PROTECTOR | T/BAND | |
| ļ | | 021 | 321-534A | BRACKET | SENSOR | |
| | | 022 | 386-307A | ARM | ASSY IDLER | |
| | | 023 | 435-323A | GEAR | ASSY DRIVE | |
| | | 024 | 452-054A | BELT | REEL DRIVE (YAMAUCHI) | |
| Ì | | 025 | 322-051A | SUPPORTER | CST | |
| | | 026 | 657-032A | SENSOR | ASSY END | |
| | | 027 | 338-093A | BRAKE | ASSY SOFT | 1 |
| | | 028 | 431-028A | IDLER | BELT | |
| - 1 | | 029 | 445-005A | SPACER | CAM GEAR | |
| | | 030 | 435-334A | GEAR | ASSY CONVERSION | |
| | | 040 | 414-137B | MOTOR | ASSY LOADING | 1 |
| ĺ | | 041 | 313-041B | CHASSIS | ASSY MAIN(F/L) | NOD |
| | - 1 | 042 | 338-104A | BRAKE | CLUTCH | NSP |
| - | | 043 | 321-533A | BRACKET | 1 | |
| | | 044 | 515-680A | PWB ASSY! | RECOG S/W | |
| | - | 045 | 375-016A | DISC | ASSY JUNCTION | |
| | | 046 | 324-823A | HOLDER | ASSY REEL(T) | |
| | | 047 | 333-267A | | SHAFT | |
| | | 047 | 435-321A | LEVER | ASSY T/UP | İ |
| | | 050 | Ş | GEAR | MIDDLE | |
| | | 1 | 435-348A | GEAR | ASSY TRANSFER | ! |
| | | 051 | 414-141A | MOTOR | D-21 CAPSTAN MOTOR GSD | |

| | | | | | | ot Service Part |
|----------|--------------|------------------|-------------------|--------------------------------|-----------------------|-----------------|
| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
| | | 052 | 386-319A | ARM | ASSY PINCH | |
| | | 053 | 333-271A | LEVER | ASSY PINCH | NSP |
| 1 | | 054 | 333-269A | LEVER | ASSY MODE | 1.01 |
| | | 055 | 333-286A | LEVER | ASSY EJECT | |
| | | 056 | 504-476A | PWB | MODE S/W | |
| | | 057 | 435-347A | GEAR | ASSY MODE | |
| | | 058 | 442-486A | SPRING | T/UP ARM(C) | |
| | | 059 | 386-316A | ARM | ASSY T/UP | |
| 1 | | 060 352-028A NUT | | | · · | |
| | | 1 1 | | | T/UP ARM(A) | |
| l | | 061 352-030A NUT | | | T/UP ARM(B) | |
| | | 062 | 423-483A | SHAFT | ASSY WORM(L) | |
| | | 100 | 333-323A | LEVER | ASSY LOADING (L) | NSP |
| | | 101 | 257-058A | PLATE | GEAR | |
| | | 102 | 435-399A | GEAR | A | |
| | | 103 | 435-401A | GEAR | C | |
| • | | 104 | 435-400A | GEAR | В | |
| Ì | | 105 | 435-402A | GEAR | D . | |
| | | 106 | 225-329A | BASE | SIDE (L) | |
| | | 107 | 257-057A | PLATE | SIDE BASE | |
| 1 | 108 414 | | 414-162A | MOTOR | ASSY HOUSING | |
| | | 110 | 577-014A | PRISM | END SENSOR | |
| | 111 225-332A | | 225-332A | BASE | ASSY LOADING | |
| | 112 257-060A | | 257-060A | PLATE | ASSY BASE | |
| | 1 1 1 1 | | 225-328A | BASE | SIDE (R) | |
| | | 114 | 333-319A | LEVER | SWITCH | NSP |
| | | 115 | 333-320A | LEVER | DOOR | NSP |
| | | 116 | 442-593A | SPRING | LOCK(L) | 1101 |
| | | 117 | 333-318A | LEVER | LOCK | NSP |
| | | 118 | 333-322A | LEVER | ASSY LOADING (R) | NSP |
| | | 119 | 256-889A | PLATE | CGND | Nor |
| | | 342 | 321-638A | BRACKET | ASSY DECK (8MM) | |
| - | 1 | J 0.12 | 021 000/1 | BITTONET | AGGT BEGIT (GIMINI) | |
| | | · | | SCREW | | |
| | | 400 | 353-078B | SCREW | MACHINE+2X9 | |
| | 1 | 401 | 353-152A | SCREW | PS (M1.7X2) | |
| | | 402 | 353-153A | SCREW | PS (M2X3) | |
| | | 403 | 353-153B | SCREW | PS(M2X4) | |
| | | 404 | 353-153C | SCREW | PS (M2X5) | |
| | | 405 | 353-153D | SCREW | PS (M2X6) | |
| | | 407 | 353-091C | SCREW | SPECIAL M | |
| | | 408 | 1MFU0201418 | FLAT HEAD MACHINE SCREW PREC 1 | D 2.0 L 4.0 MSWR3/FZY | |
| | | 415 | 353-062A | SCREW | STEP | |
| \vdash | J | | | NUT, WASHER | | |
| - | 1 | EM | 254 404 4 | , | OLIDE (4 STVO OVO 40) | <u> </u> |
| | | 500 | 354-101A | WASHER | SLIDE (1.5TX3.0X0.13) | |
| | | 501 | 354-099A | WASHER | STOP(1.25X3.0X0.25) | 1 |
| | | 502 | 354-104A | WASHER | STOP (2.2X5.0X0.25) | |
| | | 520 | 354-048E | WASHER | PS+D6XD2.6XT0.5 | |
| | | 521 | 354-1 <i>2</i> 0A | WASHER | REEL STOP | |
| <u></u> | ĺ | L | l | | <u> </u> | |

2. Cabinet & Main Frame Section

RUN DATE: 94.02.14
NSP: Not Service Part

| SAL | LOCA NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|------|---------|----------------------|-------------------------------|-----------------------------|---------|
| 3 AL | LOOA.NO | TAIT NO(GO) | | CTION | |
| | | | ASSEMBLY PARTS SE | CTION | |
| | A40 | 315-314C | FRAME | ASSY MAIN | NSP |
| | A41 | 232-683B | BOARD ASSY | KEY (8MM) | |
| | A42 | 232-912S | BOARD ASSY | VHS KEY & TIMER | |
| | A43 | 258-597L | PANEL | ASSY FRONT | |
| | A44 | 232-868S | BOARD ASSY | POWER1 | |
| | A45 | 232-865P | BOARD ASSY | VHS PRE-AMP | |
| | A46 | 232-864P | BOARD ASSY | MAIN (C+,VCR+) | |
| | A47 | 232-911P | BOARD ASSY | 8MM PRE-AMP | |
| | A48 | 232-867P | BOARD ASSY | 8MM MAIN | |
| | | | PARTS SECTIO | N | |
| П | 250 | 217-472B | CASE | TOP | |
| | 251 | 321-526A | BRACKET | HOUSING | |
| | 260 | 315-300B | FRAME | MAIN | NSP |
| | 262 | 257-061A | PLATE | GND (FTZ) | NSP |
| | 263 | 324-976A | HOLDER | PWB | NSP |
| | 275 | 324-872A | HOLDER | DIGITRON | • |
| | 280 | 258-552E | PANEL | FRONT | NSP |
| | 282 | 226-072K | DOOR | ASSY FRONT | |
| - 1 | 283 | 226-053F | DOOR | CST | |
| | 284 | 442-469A | SPRING | DOOR | |
| | 286 | 236-429B | WINDOW | LIGHTING | |
| | 287 | 236-429A | WINDOW | LIGHTING | |
| | | 524-007M | MAGNET | ASSY DOOR | |
| | 288 | 1 | | ASSY DOOR | |
| | 289 | 321-492A | BRACKET BRACKET | ASSY DAMPER | |
| | 290 | 321-490A | GEAR | ASSY DAMPER(B.K) | |
| | 291 | 435-427D 435-301A | GEAR | IDLER | |
| | 292 | | CORD | KKP-419J B-172 KLCE-2F PAL | |
| | 300 | 681-051A | 1 | HEAT SINK | |
| | 303 | 255-149A | PLATE | FUSE | |
| | 304 | 221-407A | COVER | 1 | |
| | 306 | 324-951A | HOLDER | TRANSISTER | |
| | 307 | 221-144E | COVER | INSULATION ASSY DISTRIBUTOR | |
| | 320 | 258-596G | PANEL | ASSY DISTRIBUTOR | |
| | 321 | 257-006A | PLATE | BOTTOM GROUND | |
| | 330 | 221-834A | COVER | BOTTOM | |
| | 340 | 226-064A | DOOR | FRONT | |
| | 341 | 442-591A | SPRING | DOOR | |
| | | | SCREW | | |
| | 451 | 353-046C | SCREW | (3X10 FZMY) | |
| | 452 | 353-051A | SCREW | SPECIAL | |
| | 454 | 1TRL0402418 | BRAIZER HEAD TA SCREW + 2 CUT | D 4.0 L 8.0 MSWR3/FZY | |
| | 458 | 353-051C | SCREW | SPECIAL(3X12) | |
| | 462 | 353-136A | SCREW | SPECIAL(FBK) (353S353A) | |
| | 463 | 1MBC0302418 | BINDING HEAD MACHINE SCREW + | D 3.0 L 8.0 MSWR3/FZY | |
| | 472 | 353-090A | SCREW | SPECIAL TP | |

3. Packing Accessory Section

RUN DATE: 94.02.14

NSP: Not Service Part

| s | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|--------------|---------|-------------|------------------|-----------------------------|---------|
| | 801 480-517U | | 480-517U | INSTRUCTION ASSY | | |
| | | 802 | 288-900A | BOX CARTON | | |
| | | 803 | 283-217A | PACKING | | |
| ĺ | | 804 | 291-002D | SHEET CUSHION | | NSP |
| | | 808 | 534-008C | BATTERY | AAAM(R03) 1.5V 1PAIR(LOCAL) | : |
| | | 810 | 861-507L | CABLE SET ASSY | PAL CABLE ASSY (3C-2V) MONO | |

4. Remote Control Section

RUN DATE: 94.02.14

NSP: Not Service Part

| s | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|----|---------|-------------|----------------|------------------|---------|
| | | 900 | 597-089S | REMOTE CONTROL | R/C ASSY | |
| | | 901 | 236-484A | WINDOW | FILTER(R/C) | NSP |
| | | 902 | 221-858L | COVER | DOOR (R/C) | NSP |
| | | 903 | 217-485B | CASE | TOP (R/C) | NSP |
| | | 904 | 275-610H | BUTTON | RUBBER FUNCTION | NSP |
| | | 905 | 275-612A | BUTTON | RUBBER VHS (R/C) | NSP |
| | | 906 | 275-611A | BUTTON | RUBBER 8MM (R/C) | NSP |
| | | 907 | 515-824C | PWB ASSY! | REMOCON | NSP |
| | | 908 | 442-611A | SPRING | COIL (R/C) | NSP |
| | | 909 | 217-486B | CASE | BOTTOM (R/C) | NSP |
| | | 910 | 221-857B | COVER | BATTERY | |
| L | | 911 | 477-054A | RUBBER | BUMPON | NSP |

5. Fixture Section

RUN DATE : 94.02.14

NSP: Not Service Part

| s | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|----|-------------|----------------------|-----------------------|----------------------------|---------|
| | | FIX FIX1 | 960-015J 232-972A | FIXTURE BOARD ASSY | SVC FIXTURE SVC FIXTURE | |
| L | | FIX2 | 515-789A | PWB ASSY | FIXTURE (PRE-AMP) | |

6. Electrical Section

RUN DATE: 94.02.14

CAUTION: The * marks in the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. Before replacing any of these components, read carefully the SAFETY PRECAUTIONS and SERVICING PRECAUTIONS in the manual. Do not degrade the safety of the unit through improper servicing.

Tolerance

| Symbol | ပ | J | К | М | N | Z | P | Α |
|--------|----|----|-----|-----|-----|------------|-------------|-------------|
| % | ±2 | ±5 | ±10 | ±20 | ±30 | +80 -20 | +100 -10 | +100 -10 |

CC, CJ, CK: Capacitor, Ceramic CE: Capacitor, Electrolytic CQ: Capacitor, Polyester

| s | AL LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|------------|-------------|--|
| | | CAP | ACITOR |
| | C001 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| | C002 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| | C003 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| | C004 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| | C005 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| | C006 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| | C007 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | C008 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| | C009 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | C00A | 0CN2230H948 | 0.022M 25V Z F TA26 |
| | C00B | 0CN2230H948 | 0.022M 25V Z F TA26 |
| | C010 | 0CN8200K518 | 82PF 50V K B TA26 |
| | C012 | 0CN1520F668 | 1500P 16V M X TA26 |
| | C013 | 0CX2700K408 | 27P 50V J SL TA26 |
| | C014 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| | C015 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | C016 | 0CN2710K518 | 270P 50V KB TA26 |
| | C017 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | C018 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| | C019 | 0CN3310K518 | 330P 50V K B TA26 |
| | C020 | 0CE2244K638 | 0.22M SRA 50V M FM5 TP(5) 0.022M 25V Z F TA26 |
| | C021 | | |
| | C032 | 1 | 47P 50V J SL TA26 |
| | C033 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | COAA | 0CN8200K518 | 82PF 50V K B TA26 |
| | C101 | 624-018A | LINE DE7100 FZ 472P VA1-KC |
| | C102 | 624-018A | LINE DE7100 FZ 472P VA1-KC |
| | C103 | 0CN4730K948 | 0.047M 50V Z F TA26 |
| | C104 | | 100M SMS 63V M FM5 |
| | C105 | 0CE4766K638 | 47M SMS 50V M FM5 TP |
| | C106 | 0CE2266K638 | 22M SMS 50V M FM5 TP(5) |
| | C107 | 0CE1076L610 | 100M SMS 63V M FM5 |
| | C108 | 0CE2266K638 | 22M SMS 50V M FM5 TP(5) |
| | C109 | 0CE2266K638 | 22M SMS 50V M FM5 TP(5) |
| • | C110 | 624-025A | 4700UF-35V(23X37) |
| | C111 | 0CE4786F610 | 4700M SMS 16V M FL |
| | C112 | 0CE2266K638 | 22M SMS 50V M FM5 TP(5) |
| | C113 | 0CE2266K638 | 22M SMS 50V M FM5 TP(5) |
| | C115 | 0CE4766K638 | l . |
| | C116 | 0CE4766K638 | 47M SMS 50V M FM5 TP |
| | C117 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 |
| | C118 | 0CE4775C638 | 470M SR 6.3V M FM5 TP(5) |
| | C119 | 0CE4766K638 | 47M SMS 50V M FM5 TP |

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|----|---------|-------------|-----------------------------|
| | | C120 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 |
| | | C121 | 0CE4766K638 | 47M SMS 50V M FM5 TP |
| | | C122 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 |
| | | C123 | 0CN4730K948 | 0.047M 50V Z F TA26 |
| | | C124 | 0CN4730K948 | 0.047M 50V Z F TA26 |
| | | C125 | | 0.047M 50V Z F TA26 |
| | | C126 | 0CN4730K948 | 0.047M 50V Z F TA26 |
| | | C127 | | 0.047M 50V Z F TA26 |
| | | C128 | 0CN4730K948 | 0.047M 50V Z F TA26 |
| | | C129 | 0CN4730K948 | 0.047M 50V Z F TA26 |
| | | C130 | 0CN4730K948 | 0.047M 50V Z F TA26 |
| | | C131 | | 47M SMS 50V M FM5 TP |
| | | C132 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 |
| | | C133 | 0CE1074D638 | 100M SRA 10V M FM5 TP(5) |
| | | C201 | | 0.022U 50V J POLY TE TP |
| | | C202 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C203 | | 0.047U 50V J POLY TE TP |
| | | C204 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C205 | 0CQ2234K409 | 0.022U 50V J POLY TE TP |
| | | C206 | 0CQ4734K409 | 0.047U 50V J POLY TE TP |
| | | C207 | | 1.0U SRA 50V M FM5 BP TP(D) |
| | | C208 | | 10M SRA 16V M FM5 TP(5) |
| | | 1 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C210 | 0CQ8221N409 | 0.0082U 100V J POLY TP |
| | | | 0CQ2234K409 | 0.022U 50V J POLYTETP |
| | | C212 | 0CN4730K948 | 0.047M 50V Z F TA26 |
| | | | 0CE1074F638 | 100U SRA 16V M FM5 TP(5) |
| | | C214 | 0CN4730K948 | 0.047M 50V Z F TA26 |
| | | C215 | 0CN4730K948 | 0.047M 50V Z F TA26 |
| | | C216 | 0CE1074F638 | 100U SRA 16V M FM5 TP(5) |
| ŀ | | C217 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C218 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C219 | 0CE1054K636 | 1.0U SRA 50V M FM5 BP TP(D) |
| | | C220 | 0CE1054K636 | 1.0U SRA 50V M FM5 BP TP(D) |
| | | C221 | 0CQ1221N409 | 0.0012U 100V J POLY TP |
| | | C222 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| | | C223 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C224 | 0CN1210K518 | 120P 50V KB TA26 |
| | | C225 | 0CN1510K518 | 150P 50V KB TA26 |
| | | C226 | | 10M SRA 16V M FM5 TP(5) |
| | | C227 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C228 | | 0.001U 100V J POLY TP |
| | | C229 | | 0.047U 50V J POLY TE TP |
| | | C230 | | 0.01M 16V M Y TA26 |
| - | | C231 | 0CE1074F638 | 100U SRA 16V M FM5 TP(5) |
| | | 1 | | |

| | | | | | _ | | | | HUN DATE : 94.02.14 |
|----|----|---------|----------------------------|--------------------------------|---|----|---------|--------------|--------------------------------|
| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION | S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
| | T | C232 | 0CN4730K948 | 0.047M 50V Z F TA26 | | †- | 0007 | 005405414000 | 4 014 0014 00500/ 14 51/5 70/5 |
| ı | | C232 | 0CH4730K946 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) | 1 | | C327 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| 1 | 1 | C233 | 0CN4730K948 | | | | C328 | 0CN3910K518 | 390P 50V KB TA26 |
| 1 | | C235 | 0CN4730K946 0CE4764F638 | 0.047M 50V Z F TA26 | | | C329 | 0CX5600K408 | 56P 50V J SL TA26 |
| 1 | 1 | | | 47M SRA/SS 16V M FM5 TP(5) | | | C330 | 0CC0500K015 | 5P 50V C NP0 TR |
| | | C236 | 624-027A | GOLD 0.047F-5.5V D13.0X8.5 NEC | 1 | | C331 | 0CN8200K518 | 82PF 50V K B TA26 |
| | 1 | C237 | 0CN4730K948 | 0.047M 50V Z F TA26 | | | C332 | 0CC3900K415 | 39P 50V J NPO TP |
| | | C238 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) | | | C333 | 0CX4700K408 | 47P 50V J SL TA26 |
| 1 | | C239 | 0CN4730K948 | 0.047M 50V Z F TA26 | 1 | | C334 | 0CE1066F638 | 10UF SMS 16V M FM5 TP5 |
| 1 | | C240 | 0CN1020K518 | 1000P 50V KB TA26 | 1 | | C335 | 0CE1066F638 | 10UF SMS 16V M FM5 TP5 |
| | 1 | C241 | 0CN1020K518 | 1000P 50V KB TA26 | 1 | | C336 | 0CE3346K638 | 0.33M SMS 50V M FM5 TP(5) |
| 1 | 1 | C242 | 0CN1030F678 | 0.01M 16V M Y TA26 | | 1 | C337 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| 1 | 1 | C243 | 0CN1030F678 | 0.01M 16V M Y TA26 | | | C338 | 0CQ2231N409 | 0.022U 100V JPOLY TP |
| | i | C244 | 0CN1020K518 | 1000P 50V KB TA26 | | | C339 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| 1 | | C245 | 0CN1030F678 | 0.01M 16V M Y TA26 | 1 | | C340 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | 1 | C246 | 0CE1054K636 | 1.0U SRA 50V M FM5 BP TP(D) | | | C341 | 0CN4730K948 | 0.047M 50V Z F TA26 |
| ł | 1 | C247 | 0CN1040K948 | 0.1M 50V Z.F TA26 | | | C342 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | 1 | C248 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) | | | C343 | 0CN4710K518 | 470P 50V KB TA26 |
| - | 1 | C249 | 0CC1500K415 | 15P 50V J NPO TS | | | C344 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| 1 | | C250 | 0CC2400K415 | 24P 50V J NP0 TP | | | C345 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 |
| 1 | | C291 | 0CE2254K638 | 2.2M SRA 50V M FM5 TP(5) | | | C346 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| Ī | | C292 | 0CN4730K948 | 0.047M 50V Z F TA26 | 1 | | C347 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 |
| | 1 | C293 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) | | | C348 | 0CN1030F678 | 0.01M 16V M Y TA26 . |
| i | l | C294 | 0CX2700K408 | 27P 50V J SL TA26 | | | C349 | 0CE3346K638 | 0.33M SMS 50V M FM5 TP(5) |
| | | C295 | 0CN1030F678 | 0.01M 16V M Y TA26 | | | C350 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| | İ | C296 | 0CN1040K948 | 0.1M 50V ZF TA26 | | | C351 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 |
| | | C297 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) | | | C352 | 0CX6800K408 | 68P 50V J SL TA26 |
| | | C298 | 0CN1030F678 | 0.01M 16V M Y TA26 | ŀ | | C353 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 |
| İ | | C299 | 0CN1030F678 | 0.01M 16V M Y TA26 | 1 | | C354 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| 1 | | C2B1 | 0CE2254K638 | 2.2M SRA 50V M FM5 TP(5) | İ | | C355 | 0CX4700K408 | 47P 50V JSL TA26 |
| | İ | C2B2 | 0CN1040K948 | 0.1M 50V ZF TA26 | 1 | | C356 | 0CC0600K015 | 6P 50V CNP0 TS |
| | | C301 | 0CN1030F678 | 0.01M 16V M Y TA26 | | | C357 | 0CX3300K408 | 33P 50V J SL TA26 |
| | 1 | C302 | 0CN1030F678 | 0.01M 16V M Y TA26 | 1 | | C358 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 |
| | | C303 | 0CN1010K518 | 100P 50V KB TA26 | | | C359 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| | 1 | C304 | 0CE1066F638 | 10UF SMS 16V M FM5 TP5 | | | C360 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | 1 | C305 | 0CE1064F636 | 10M SRA 16V M FM5 BP TP(D) | | | C361 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| 1 | 1 | C306 | 0CN2230H948 | 0.022M 25V Z F TA26 | ı | | C362 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C307 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 | 1 | | C367 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 |
| | | C308 | 0CX2700K408 | 27P 50V JSL TA26 | | | C368 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| | | C309 | 0CE1066F638 | 10UF SMS 16V M FM5 TP5 | 1 | | C373 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| ŀ | 1 | C30G | 0CN1030F678 | 0.01M 16V M Y TA26 | | | C379 | 0CX1800K408 | 18P 50V JSL TA26 |
| | | C30H | 0CX1200K408 | 12P 50V J SL TA26 | | | C381 | 0CX3900K408 | 39P 50V JSL TA26 |
| | | C30J | 0CX1800K408 | 18P 50V JSL TA26 | 1 | | C383 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| | | C30K | 0CN1030F678 | 0.01M 16V M Y TA26 | | | C384 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 |
| | | C30L | 0CN1010K518 | 100P 50V KB TA26 | | | C385 | 0CE3366F638 | 33M SMS 16V M FM5 TP(5) |
| | | C30M | 0CE4766F638 | 47M SMS 16V M FM5 TP5 | | | C386 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C310 | 0CN4730K948 | 0.047M 50V Z F TA26 | 1 | | C387 | 0CC1210K405 | 120P 50V JSL TS |
| | | C311 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 | 1 | | C388 | 0CQ5631N409 | 0.056U 100V J POLY TP |
| | | C312 | 0CN2230H948 | 0.022M 25V Z F TA26 | | | C389 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 |
| | | C313 | 0CN1030F678 | 0.01M 16V M Y TA26 | 1 | | C391 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| | | C314 | 0CN4730K948 | 0.047M 50V Z F TA26 | 1 | | C392 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| | | C315 | 0CN1030F678 | 0.01M 16V M Y TA26 | 1 | | C393 | 0CE1074F638 | 100U SRA 16V M FM5 TP(5) |
| | | C316 | 0CN2230H948 | 0.022M 25V Z F TA26 | 1 | | C394 | 0CX2700K408 | 27P 50V J SL TA26 |
| | | C317 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) | | | C395 | 0CN5610K518 | 560P 50V KB TA26 |
| | | C318 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) | | | C396 | 0CX2700K408 | 27P 50V J.SL TA26 |
| | | C319 | 0CQ8221N409 | 0.0082U 100V J POLY TP | | | C397 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| 1 | | C320 | 0CN1030F678 | 0.01M 16V M Y TA26 | | | C398 | 0CN1010K518 | 100P 50V KB TA26 |
| 1 | | C321 | 0CQ5631N409 | 0.056U 100V JPOLY TP | 1 | | C3A0 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C322 | 0CX4700K408 | 47P 50V J SL TA26 | 1 | | C3A1 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| 1 | | C323 | 0CX2700K408 | 27P 50V J SL TA26 | 1 | | C3A2 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 |
| 1 | | C324 | 0CX3900K408 | 39P 50V J SL TA26 | | | C3A3 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C325 | 0CC1810K405 | 180P 50V JSLTP | l | | C3A4 | 0CX2200K408 | 22P 50V J SL TP26 |
| 1 | 1 | C326 | 0CX1500K408 | 15P 50V J SL TA26 | 1 | | C3A5 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| Ц_ | | L | | | L | L | , . | | THE TALL |

| S. AL. LOCA.NO PART NO(SS) SPECIFICATION S. AL. LOCA.NO PART NO(SS) SPECIFICATION | _ | | | | | | | | | | RUN DATE : 94.02.14 |
|--|----------|----|---------|-------------|---------------------------|-----|----|------|---------|-------------|--------------------------|
| CSA6 OCN1000F678 O.01M 16 W N Y TA28 CSA7 OCN2000F678 B6P 50 V K B TA28 CSA8 OCN2000F678 S6P 50 V K B TA28 CSA8 OCN2000F678 OCN2000F678 S6P 50 V K B TA28 CSA8 OCN2000F678 OCN2 | s | AL | LOCA.NO | PART NO(GS) | SPECIFICATION | 15 | s | AL I | LOCA.NO | PART NO(GS) | SPECIFICATION |
| C2A7 OCX15007408 18P 507 JSL TA28 C3A6 C3A6 C0M0400749 C3A7 C0M10307673 C3B7 C0M10307673 C3B7 C0M10307673 C3B2 C0M10307673 C0M1 16 W M Y TA26 C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 C0C47546033 CAM SAR 50V M FMS TP(5) C4D5 CAM SAR 50V M F | \vdash | | | | | - | -+ | | | | |
| C2AB OCN1609F678 OLIM 15 W N Y TA28 C2B | | 1 | 1 | | | 1 | | 1 | | | |
| C289 C2824638 224 SPA SPV M PMS TP(5) C401 C0C4754638 47M SPA SPV M PMS TP(5) C282 C0C10076778 C0M1 75 W Y 17.26 C405 C0C4754638 47M SPA SPV M PMS TP(5) C262 C0C4754638 47M SPA SPV M PMS TP(5) C263 C0C4754638 47M SPA SPV M PMS TP(5) C264 C0C4754638 47M SPA SPV M PMS TP(5) C264 C0C4754638 47M SPA SPV M PMS TP(5) C265 C265 C0C4754638 47M SPA SPV M PMS TP(5) C266 C26754638 47M SPA SPV M PMS TP(5) C268 C0C4754638 47M SPA SPV M PMS TP(5) C268 C0C4754638 47M SPA SPV M PMS TP(5) C269 C0C4754638 C269 C0C47546 | 1 | | 1 | 0CX1800K408 | ı | 1 | | 1 | | 0CN8200K518 | 82PF 50V K B TA26 |
| C281 OCH1050F773 OUTH 15 W N Y TA28 C205 OCE47546383 A*7M SRA 50W MENS TP(5) C202 OCE47546383 A*7M SRA 50W MENS TP(5) C205 OCE47546383 A*7M SRA 50W MENS TP(5) C205 OCH1050F873 OCE47546383 A*7M SRA 50W MENS TP(5) C205 OCH1050F873 O | | | 1 | | 0.01M 16V M Y TA26 | 1 | | | C3J6 | 0CN1040K948 | |
| CSB2 CONLOGRETOR DOWN MY TA26 CSB4 CORESTMENS A CONZENS VET ET TA25 CSB5 CONLOGREGAR ATM SMS 16W MMS TP5 CSB5 CONLOGREGAR ATM SMS 16W MMS TP5 CSB6 CONLOGREGAR ATM SMS 16W MMS TP5 CSB6 CONLOGREGAR OLT MS DV Z F TA26 CSB7 COCCOTROCKOTS P5 SOV CNPO TS CSB8 COCCATAGESB D 47M SAS 50W MEMS TP5) CSB8 COCCATAGESB D 47M SAS 60W MEMS TP5 CSB8 COCCATAGESB D 47M SAS 60W MEMS TP5 CSB8 COCCATAGESB D 47M SAS 60W MEMS TP5 CSB9 COCCATAGESB D 47M SAS 60W MEMS TP5 CSB9 COCCATAGESB D 47M SAS 60W MEMS TP5 CSB9 COCCATAGESB D 47M SAS 60W MEMS TP5 CSB9 COCCATAGESB D 47M SAS 60W MEMS TP5 CSB0 COCCATAGESB D 47M SAS 60W MEMS TP5 CSCC CSCC COCCATAGESB D 47M SAS 60W MEMS TP5 CSCC CSCC COCCATAGESB D 47M SAS 60W MEMS TP5 CSCC CSCC COCCATAGESB D 67M SAS 60W MEMS TP5 CSCC CSCC COCCATAGESB D 67M SAS 60W MEMS TP5 CSCC CSCC COCCATAGESB D 67M SAS 60W MEMS TP5 CSCC CSCC COCCATAGESB D 67M SAS 60W MEMS TP5 CSCC CSCC COCCATAGESB D 67M SAS 60W MEMS TP5 CSCC CSCC COCCATAGESB D 67M SAS 60W MS 15M MMS 15 | | | 5 1 | | 2.2M SRA 50V M FM5 TP(5) | 1 | | 1 | C401 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| C383 CON2209H494 0.022M 2F TA28 CC476 FOR CAFTSRESS 47M SMS 15W PMSTPS C385 CC4746683 47M SMS 15W PMSTPS C385 CC866 CC4746683 47M SMS 15W PMSTPS C385 CC867 CC67476683 CMS A7M SMS 15W PMST TPS C387 CC27076015 7P 50V C NPO TS C387 CC27076015 7P 50V C NPO TS C387 CC27076015 7P 50V C NPO TS C387 CC27076015 7P 50V C NPO TS C389 CC4744683 CMS A7M SMS 15W PMST TPS C389 CC27076015 7P 50V C NPO TS C389 CC27076015 7P 50V C NPO TS C389 CC27076015 7P 50V C NPO TS C389 CC27076015 7P 50V C NPO TS C389 CC27076015 7P 50V C NPO TS C389 CC27076015 7P 50V KB TA28 CC367 CMSTPS CAMPACA CA | | | | | 0.01M 16V M Y TA26 | - 1 | | | C402 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| C384 OCE478F688 47M SMS 16V M PMS TPS C385 CCN1040K498 0.1M 50V ZF TA28 C386 OCE4744638 0.4TM SRA 50V M FMS TP(5) C387 OCE2070401 7.7 S 50V C NPO TS C388 OCE4744638 0.4TM SRA 50V M FMS TP(5) C388 OCE4744638 0.4TM SRA 50V M FMS TP(5) C389 OCE2070401 7.7 S 50V C NPO TS C389 OCE2070401 7.7 S 50V C NPO TS C380 OCE2070401 7.7 S 70V C NPO TS C380 OCE2070401 7.7 S 70V C NPO TS C380 OCE2070401 7.7 S 70V C NPO TS C380 OCE2070401 7.7 S 70V C NPO TS C380 OCE2070401 7.7 S 70V C NPO TS C380 OCE2070401 7.7 S 70V C NPO TS C380 OCE2070401 7.7 S 70V C NPO TS C380 OCE2070401 7.7 S 70V C NPO TS C380 OCE2070401 7.7 S 70V C NPO TS C380 OCE2070401 7.7 S 70V C NPO TS C380 OCE2070401 7.7 S 70V C NPO TS C380 OCE2070401 7.7 S 70V C NPO TS C380 OCE2070401 7.7 S 70V C | 1 | | | 0CN1030F678 | 0.01M 16V M Y TA26 | - [| ļ | | C405 | 0CE4754K638 | |
| C385 CONTIONG/S48 0.1M S0V ZF TA28 C387 CONTIONG/S48 C478 SA3 SW PMS TP(5) C411 CONTIONG/S48 CMS SW ZF TA28 C389 C0C474/8638 0.478 SA3 SW PMS TP(5) C411 CONTIONG/S48 CMS SW ZF TA28 C389 CONTIONG/S49 CATS SA3 SW CARPO TS C389 CONTIONG/S49 CATS SA3 SW CARPO TS C389 CONTIONG/S49 CATS SA3 SW CARPO TS C389 CONTIONG/S49 CATS SA3 SW CARPO TS C389 CONTIONG/S49 CMS SW ZF TA28 C380 C380 CONTIONG/S49 CMS SW ZF TA28 C380 C380 CONTIONG/S49 CMS SW ZF TA28 C380 C380 CONTIONG/S49 CMS SW ZF TA28 C380 C380 CONTIONG/S49 CMS SW ZF TA28 C380 CX CARPO CARPO TS CARPO T | | | | 0CN2230H948 | 0.022M 25V Z F TA26 | | | - 1 | C407 | 0CE4754K638 | |
| C386 OCE4744K383 O.47M SRA 50V M FMS TP(S) C411 OCE1064F638 O.10M SRA 16V M FMS TP(S) C383 OCE4744K838 O.47M SRA 50V M FMS TP(S) C412 OCE1064K948 O.11M SOV Z F TA26 C362 OCE0064K938 O.11M SOV Z F TA26 C415 OCE1064K938 O.11M SOV Z F TA26 C416 OCE0066F63 OCE0064K938 O.11M SOV Z F TA26 OCE0066F63 OCE0064K938 O.11M SOV Z F TA26 OCE0066F63 OCE0 | | | C3B4 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 | | | | C408 | 0CE4766F638 | |
| C3867 C3878 C0C0700K015 7P 50V C NPO TS C389 C0C4744K038 0 JATM SAS 50V M FMS TPC) C413 C0C1046K048 0 JATM SAS 50V M FMS TPC C360 C0C16144K038 0 JATM SAS 50V M FMS TPC) C413 C0C1046K048 0 JATM SAS 50V M FMS TPC C361 CASC JATM SAS C0C1604K038 120 P 50V K B TA28 C416 C0C2221M09 0 JO082U 100V JPCLY TP C361 CASC JATM SAS CASC | | | C3B5 | 0CN1040K948 | | | | | C410 | 0CN1040K948 | 0.1M 50V Z.F TA26 |
| C 2388 C CC424/4K938 C CA29 M CA29 SET A26 C CA29 C CA229 C CA29 | 1 | ļ | C3B6 | 0CE4744K638 | 0.47M SRA 50V M FM5 TP(5) | | 1 | | C411 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| C389 C0422901948 0.022M 289 Z F TA28 C414 C0E1086F638 10UF SMS 16V M FMS TP5 C415 C0E104664849 0.11 | | | C3B7 | 0CC0700K015 | 7P 50V CNP0 TS | | | 1 | C412 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| C3C0 | | | C3B8 | 0CE4744K638 | 0.47M SRA 50V M FM5 TP(5) | - 1 | | | C413 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| C3C1 OCM120K168 120P SOV K B TA28 C419 OCE229M693 22M SMS 160V A POLY TP | 1 | | C3B9 | 0CN2230H948 | 0.022M 25V Z F TA26 | | | - 1 | C414 | 0CE1066F638 | 10UF SMS 16V M FM5 TP5 |
| C3C1 OCN12/CKS16 120P S0V KB TA26 C3C2 OCC6900KHS 5P 50V CNPO TS C417 OCC2268F6638 C3C3 OCC1/CKS16408 10P 50V JSL TA26 C418 OCC1/SS11409 O.015 U 100V JPCLY TP OCC1/SS11409 O.015 U 100V JPCLY TP OCC1/SS11409 O.015 U 100V JPCLY TP OCC1/SS11409 O.015 U 100V JPCLY TP OCC1/SS11409 O.015 U 100V JPCLY TP OCC1/SS11409 O.015 U 100V JPCLY TP OCC1/SS11409 O.015 U 100V JPCLY TP OCC1/SS11409 O.015 U 100V JPCLY TP OCC1/SS11409 O.015 U 100V JPCLY TP OCC1/SS11409 O.015 U 100V JPCLY TP OCC1/SS11409 O.015 U 100V JPCLY TP OCC1/SS11409 O.015 U 100V JPCLY TP OCC1/SS11409 O.015 U 100V JPCLY TP OCC1/SS11409 O.015 U 100V JPCLY TP OCC1/SS11409 O.015 U 100V JPCLY TP OCC1/SS11409 O.015 U 100V JPCLY TP OCC1/SS11409 | 1 | | C3C0 | 0CE1044K638 | 0.1M SRA 50V M FM5 TP(5) | | İ | - | C415 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| C3C2 | | | C3C1 | 0CN1210K518 | 120P 50V KB TA26 | | | - 1 | C416 | 0CQ8221N409 | |
| C3C3 | | | C3C2 | 0CC0600K015 | 6P 50V CNP0 TS | | | | C417 | 0CE2266F638 | |
| C3C4 C3C1000F678 C3C4 C3C4000F678 C3C5 C3C476F6783 C3C6 C3C476F6784 C3C7 C3C4259F494 C3C6476F6784 C3C7 C3C4259F494 C3C6476F6784 C3C7 C3C4259F494 C3C6476F6784 C3C7 C3C4259F494 C3C6476F6784 C | | | C3C3 | 0CX1000K408 | 1 | | | | | | |
| C3C5 OCE4768F638 A7M SMS 16V M FMS TP5 C420 OCE1068F638 A7M SMS 16V M FMS TP5 C421 OCE4768F638 A7M SMS 16V M FMS TP5 C422 OCE1068F638 A7M SMS 16V M FMS TP5 C423 OCE4768F638 C424 OCE07281Me39 OCE1068F638 C424 OCE2768F638 C424 OCE17281Me39 OCE1068F638 C424 OCE17281Me39 OCE17281Me38 OCE17281Me39 OCE27281Me39 OCE17281Me39 OCE17281Me39 OCE27281Me39 OCE27281Me39 OCE27281Me39 OCE27281Me39 OCE27281Me39 OCE | 1 | | C3C4 | 0CN1030F678 | | | | | | | |
| C3C6 | | | 1 | | 1 | | | - 1 | | | |
| C3C7 C0K220H848 0.022M 2F TA26 C422 C0K1030F678 C0141 NOV Y TA26 C423 C0K1030F678 C3C9 C0K1030F678 C3D0 C0K2676F638 C3D1 C0K1030F678 C3D1 C0K1030F678 C3D2 C0K1030F678 C3D2 C0K1030F678 C3D2 C0K1030F678 C3D2 C0K1030F678 C3D2 C0K1030F678 C3D3 C0K1030F678 C3D3 C0K1030F678 C3D3 C0K1030F678 C3D3 C0K1030F678 C3D4 C0K1030F678 C3D4 C3D4 C3D5 | 1 | | | | | | | | | | |
| C3C8 C0CN1030F678 C0.01M 16V M Y TA26 C423 C0C226F6R3 C244 C0C1231M049 C014 | 1 | Ī | | ì | | | | | | | |
| C3C3 | 1 | | 1 | 1 | | | | | | | |
| C3D0 CC64766F838 2 7M SMS 16V M FMS TP5 C425 CCE(074F638) C0011309F678 C0011309F678 C0011 16V M Y TA26 C426 CCC10374F638 C0011309F678 C0011 16V M Y TA26 C427 CC01030F678 C0011 16V M Y TA26 C427 CC01031M09 C0011 16V M Y TA26 C428 CC01031M09 C011 10V J POLY TP C010 10V J POLY TP C01 | 1 | 1 | 1 | 1 . | 1 | - | | | | | |
| C3D1 C0N1030F678 C011M 16V M Y TA26 C426 C0N1030F678 C0101M 16V M Y TA26 C427 C0C1031N409 C0.01U 100V JPCILY TP C3D3 C0C1064F638 10M SRA 16V M FMS TP(5) C428 CCC1031N409 C0.01U 100V JPCILY TP C429 CCC1031N409 C0.01U 100V JPCILY TP C429 CCC1031N409 C0.01U 100V JPCILY TP C420 CCC1031N409 C0.01U 100V JPCILY TP C420 CCC1031N409 C0.01U 100V JPCILY TP C420 CCC1031N409 C0.01U 100V JPCILY TP C420 CCC1031N409 C0.01U 100V JPCILY TP C420 CCC1031N409 C0.01U 100V JPCILY TP C420 CCC1031N409 C0.01U 100V JPCILY TP C420 CCC1031N409 C0.01U 100V JPCILY TP C420 CCC1031N409 C0.01U 100V JPCILY TP C420 CCC1031N409 C0.01U 100V JPCILY TP C420 CCC1031N409 C0.01U 100V JPCILY TP C420 CCC1031N409 C0.01U 100V JPCILY TP C420 CCC1031N409 C0.01U 100V JPCILY TP C420 CCC1031N409 C0.01U 100V JPCILY TP C420 CCC1031N409 C0.01U 100V JPCILY TP C420 CCC1031N409 C0.01U 100V JPCILY TP C420 CCC1031N409 C0.022301N409 C0.022301N409 C0.022301N409 C0.022301N409 C0.022301N409 C0.022301N409 C0.022301N409 C0.022301N409 C0.022301N409 C0.02240N29 C245 C0.022301N409 C0.02240N29 C245 C0.022301N409 C245 C0.022301N409 C245 C0.02230N3 NSS 50V M FMS TPS C445 C0.02230N3 NSS 50V M FMS TPS C445 C0.02230N3 NSS 50V M FMS TPS C445 C0.02230N3 NS 50V M FMS TPS C445 C0.02230N948 C0.023301N409 C0.03301 NOV JPCILY TP C326 C0.023301N409 C0.03301 NOV JPCILY TP C326 C0.023301N409 C0.03301 NOV JPCILY TP C326 C0.023301N409 C0.023301 NOV JPCILY TP C326 C0.023301N409 C0.023301 NOV JPCILY TP C326 C0.023301 NOV JPCILY TP C326 C0.023301 NOV JPCILY TP C326 C0.023301 NOV JPCILY TP C326 C0.023301 NOV JPCILY TP C326 C0.023301 NOV JPCILY TP C326 C0.023301 NOV JPCILY TP C326 C0.023301 NOV JPCILY TP C326 C0.023301 NOV JPCILY TP C326 C0.023301 NOV JPCILY TP C326 C0.023301 NOV JPCILY TP C326 C0.023301 NOV JPCILY TP C326 C0.023301 NOV JPC | 1 | İ | 1 | 1 | | | | | | | |
| C3D2 COM1030F678 OOTM 16V M Y TA26 C428 OCC1031N409 O.01U 100V JPOLY TP OCTION TO CASE OCC1051N409 OCTION TO JPOLY TP OCTION TO CASE OCC1051N409 OCTION TO JPOLY TP OCTION TO CASE OCC1051N409 OCTION TO JPOLY TP OCTION TO CASE OCCIONATION OCTION TO JPOLY TP OCTION TO CASE OCCIONATION OCTION TO JPOLY TP OCTION TO CASE OCCIONATION OCTION TO JPOLY TP OCTION TO CASE OCCIONATION OCTION TO JPOLY TP OCTION TO CASE OCCIONATION OCTION TO JPOLY TP OCTION TO JPOLY TP OCTION TO CASE OCTION OCTION TO JPOLY TP OCTION TO CASE OCTION OCTION TO JPOLY TP OCTION TO JPOLY TP OCTION TO CASE OCTION OCTION TO JPOLY TP OCTION TO JPOLY JPOLY TP OCTION TO JPOLY JPOLY TP OCTION TO JPOLY JP | 1 | | 1 | l . | | | | | | | |
| C3D3 0CE1084F638 10M SRA 16V M FMS TP(5) C428 0CC1031M09 0.01U 100V JPCLY TP C3D5 0CN1030F678 0.01M 16V M Y TA26 C429 0CC1031M09 0.01U 100V JPCLY TP C3D6 0CX1500K408 1.5P 50V J SL TA26 C430 0CC1031M09 0.01U 100V JPCLY TP C3D6 0CX1500K408 1.5P 50V J SL TA26 C431 0CE1074F638 1.00U SRA 16V M FMS TP(5) C3D7 OCE1054K638 4.7M SRA 50V M FM5 TP(5) C432 0CC1031M09 0.01M 16V M Y TA26 C3D9 OCN22019948 0.022M 25V Z F TA26 C434 0CC3331M09 0.0331 100V J PCLY TP C3E1 OCE4754K638 4.7M SRA 50V M FM5 TP(5) C435 0C2210K518 220P 50V K B TA26 C3E2 OCN1040K948 0.1M 50V Z F TA26 C435 0C2230K518 220P 50V K B TA26 C3E4 OCE1664F638 10M SRA 16V M FM5 TP(5) C435 0C2230K518 220P 50V K B TA26 C3E6 OCN1300F578 0.01M 16V M Y TA26 C450 OCE1044K638 0.1M 50V Z F TA26 C3E7 OCN1600F683 0.1M 16V M Y TA26 </th <th></th> <th>İ</th> <th>1</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> | | İ | 1 | | | | | | | | |
| C304 C0CN1030F678 0.01M 16V M Y TA26 C430 CC1031N409 0.01U 100V JPCLY TP C305 CX10500K408 15P 50V JSL TA26 C431 CC1074F638 100U SRA 16V M FM5 TP(5) C432 CX10374F638 CX10500K408 15P 50V JSL TA26 C431 CX10374F638 CX1050 CX10500K408 15P 50V JSL TA26 CX1050 CX10500K408 15P 50V JSL TA26 CX1050 CX10500K408 15P 50V JSL TA26 CX1050 CX10500K408 CX10500K40 | | | 1 | | , , | | | | | | |
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| C3D7 CCE1054K638 | | İ | E . | 1 | | 1 | Ì | | | | |
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| C3D9 OCN2230H948 O.022M 25V Z F TA26 C3E1 OCH2766F638 47M SMS 16V M FMS TP5 C435 C436 OCE3356K638 3.3M SMS 50V M FMS TP(5) C435 OCE3356K638 3.3M SMS 50V M FMS TP(5) C437 OCE1068F638 C3E4 OCE336K638 A7M SMS 16V M FMS TP(5) C437 OCE1068F638 TOUR SMS 16V M FMS TP(5) C438 OCE3356K638 TOUR SMS 16V M FMS TP(5) C438 OCE336K638 TOUR SMS 16V M FMS TP(5) C438 OCE336K638 TOUR SMS 16V M FMS TP(5) C438 OCE336K638 TOUR SMS 16V M FMS TP(5) C438 OCE336K638 TOUR SMS 16V M FMS TP(5) C438 OCE336K638 TOUR SMS 16V M FMS TP5 C435 OCH1040K948 O.1M 50V Z F TA26 OCH1040K948 O.1M 50V Z F TA26 OCH1040K948 O.1M 50V Z F TA26 OCH2766F638 OCH3016K18 TA26 OCH2766F638 OCH2766F638 A7M SMS 16V M FMS TP5 C440 OCE4766F638 A7M SMS 16V M FMS TP5 C440 OCE4766F638 A7M SMS 16V M FMS TP5 OCH30230H948 O.022M 25V Z F TA26 OCH2766F638 OCM2230H948 O.022M 25V Z F TA26 C440 OCE4766F638 A7M SMS 16V M FMS TP5 OCM2200K488 OCM2230H948 O.022M 25V Z F TA26 OCH2766F638 A7M SMS 16V M FMS TP5 OCM2200K488 OCM2220K488 OCM2220K488 OCM2220K488 OCM2220K488 OCM2220K488 OCM2220K488 OCM2220K488 OCM2220K488 OCM3910K518 OCM2220K588 OCM2220K588 OCM2220K588 OCM2220K588 OCM3910K518 OCH1030F678 OCM1030F678 OCM1030F678 OCM1030F678 OCM1030F678 OCM1030F678 OCM1030F678 OCM1030F678 OCM3910K518 OCM220K488 OCM220K488 OCM220F688 OCM220F688 OCM220F688 OCM220F688 OCM220F688 OCM220F688 OCM220F688 OCM220F688 OCM220F688 OCM220F688 OCM220F688 OCM220F688 OCM1030F678 | | | 1 | 1 | | | ŀ | | | | |
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| C3F4 OCC0400K015 | | Ì | 1 | 1 | 1 | | | | | | ı |
| C3F5 OCX2200K408 C2P 50V J SL TP26 C3F6 OCE4754K638 4.7M SRA 50V M FM5 TP(5) C3F7 OCN1030F678 O.01M 16V M Y TA26 C4A6 OCN1030F678 O.01M 16V M Y TA26 C4A7 OCN1520F668 1500P 16V M X TA26 C4A8 OCX5600K408 56P 50V J SL TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 C4A9 OCN2220F668 C4A9 OCN2220F668 C4A9 OCN2220F668 C4A9 OCN2220F668 C4A9 OCN2220F668 C4A9 OCN2220F668 C4A9 OCN220F668 C4A9 OC | | | 1 | ł . | 1 | | - | l | | | 1 |
| C3F6 OCE4754K638 4.7M SRA 50V M FM5 TP(5) C4A6 OCN1030F678 O.01M 16V M Y TA26 C4A7 OCN1520F668 1500P 16V M X TA26 C4A8 OCX5600K408 56P 50V J SL TA26 C4A8 OCX5600K408 56P 50V J SL TA26 C4A9 OCN2220F668 2200P 16V M X TA26 C4A9 OCN2220F668 C4A9 OCN2220F669 C4A9 OCN2220F669 C4A9 OCN2220F669 C4A | | | | 1 | | | | | | 1 | i i |
| C3F7 | | | 1 | 1 | | | | 1 | | | |
| C3F9 | | - | 1 | ! | | | | j | | | |
| C3G0 OCN3910K518 390P 50V K B TA26 C3G1 OCN4710K518 470P 50V K B TA26 C3G2 OCE4766F638 47M SMS 16V M FM5 TP5 C3G3 OCN2230H948 0.022M 25V Z F TA26 C3G4 OCE4766F638 47M SMS 16V M FM5 TP5 C3G5 OCN2230H948 0.022M 25V Z F TA26 C3G6 OCN1030F678 0.01M 16V M Y TA26 C3G7 OCN1010K518 100P 50V K B TA26 C3G8 OCN1020K518 1000P 50V K B TA26 C3G9 OCE4754K638 4.7M SRA 50V M FM5 TP5 C3G6 OCN1020F678 0.01M 16V M Y TA26 C3G7 OCN1010K518 100P 50V K B TA26 C3G8 OCN1020K518 1000P 50V K B TA26 C3G9 OCE4754K638 4.7M SRA 50V M FM5 TP(5) C3G1 OCN1020K518 1000P 50V K B TA26 C3G2 OCN1520F668 1500P 16V M X TA26 C3H2 OCE1054K638 1.0M SRA 16V M FM5 TP(5) C3H2 OCN1520F668 1500P 16V M X TA26 C3H3 OCE1054K638 1.0M SRA 16V M FM5 TP(5) C3H2 OCN1520F668 1500P 16V M X TA26 C3H3 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) C3H3 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) C3H3 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) C3H3 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) | 1 | | E i | 1 | 1 | | | | | | |
| C3G1 | 1 | | | i | 1 | | | | | | |
| C3G2 | | 1 | ł . | ! | | | | | | | |
| C3G3 | | | 1 | | 1 | | | | | | |
| C3G4 OCE4766F638 47M SMS 16V M FM5 TP5 C3G5 OCN2230H948 0.022M 25V Z F TA26 C3G6 OCN1030F678 0.01M 16V M Y TA26 C3G7 OCN1010K518 100P 50V K B TA26 C3G8 OCN1020K518 1000P 50V K B TA26 C3G9 OCE4754K638 4.7M SRA 50V M FM5 TP(5) C3H1 OCE1064F638 10M SRA 16V M FM5 TP(5) C3H2 OCN1520F668 1500P 16V M X TA26 C3H3 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) C3H3 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) C3H3 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) C3H3 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) C3H3 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) C3H3 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) C3H3 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) C3H3 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) | | | | Į. | | | | | | | |
| C3G5 | 1 | | | | | | | | | 1 | |
| C3G6 OCN1030F678 O.01M 16V M Y TA26 C4B5 OCE2264F638 22M SRA 16V M FM5 TP(5) | 1 | | 1 | | | | | | , | | |
| C3G7 OCN1010K518 100P 50V K B TA26 C4B6 OCN2220F668 2200P 16V M X TA26 C4B7 OCE1064F638 10M SRA 16V M FM5 TP(5) C3H1 OCE1064F638 10M SRA 16V M FM5 TP(5) C4B8 OCE1054K638 1.0M SRA 16V M FM5 TP(5) C4B9 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) C4C1 OCN2210K518 220P 50V K B TA26 C4C2 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) C4C2 OCE1054K638 1.0M SR | 1 | | 1 | l | | | | | • | | |
| C3G8 OCN1020K518 1000P 50V K B TA26 C4B7 OCE1064F638 10M SRA 16V M FM5 TP(5) C3G9 OCE4754K638 4.7M SRA 50V M FM5 TP(5) C4B8 OCE1064F638 10M SRA 16V M FM5 TP(5) C4B9 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) C4C1 OCN2210K518 220P 50V K B TA26 C3H3 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) C4C2 OCE1054K638 | 1 | | 1 | i | | | | | | | |
| C3G9 OCE4754K638 4.7M SRA 50V M FM5 TP(5) C4B8 OCE1064F638 10M SRA 16V M FM5 TP(5) C3H1 OCE1064F638 1500P 16V M X TA26 C3H3 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) C4C2 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) C4C2 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) | 1 | | 1 1 | 1 | | | | | | i | |
| C3H1 | 1 | | 1 | | | | Ì | | 1 | | |
| C3H2 OCN1520F668 1500P 16V M X TA26 C3H3 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) C4C1 OCN2210K518 220P 50V K B TA26 C4C2 OCE1054K638 1.0M SRA/SS50V M FM5 TP(5) | 1 | | | 1 | | | | - 1 | | | |
| C3H3 | | | | 1 | | | | | | | |
| | ı | | Ł i | } | | | | | | | |
| 00E4/00F038 4/M 5M5 10V M FM5 1P5 | 1 | | L | l . | | | | | _ | | |
| | L | | | 20277001000 | Omo 104 lat lato 11.0 | L | | | 0403 | VOE4/00/030 | THE SING TOWN FINE |

| | | | | | | | | | | RUN DATE : 94.02.14 |
|---|-----|--------------|-------------|----------------------------|---|---|---------|---------|----------------------------|----------------------------|
| s | AL. | LOCA.NO | PART NO(GS) | SPECIFICATION | | s | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
| | | C4C5 | 0CN2230H948 | 0.022M 25V Z F TA26 | | | | C551 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C4C6 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 | | | | C552 | 0CN1040K948 | 0.1M 50V Z F TA26 |
| | | C4C7 | 0CQ4731N409 | 0.047U 100V J POLY TP | | | | C553 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| | | C4C8 | 0CQ3331N409 | 0.033U 100V J POLY TP | | | | C554 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C4C9 | 0CQ3331N409 | 0.033U 100V JPOLY TP | | | | C555 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C4D1 | 0CN2230H948 | 0.022M 25V Z F TA26 | | 1 | | C556 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| | | C4D1 C4D2 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | | ļ | İ | C557 | 0CN6820F668 | 6800P 16V M X TA26 |
| | | C4D2 | 0CN2230H948 | 0.022M 25V Z F TA26 | | 1 | | C558 | 0CN1020K518 | 1000P 50V KB TA26 |
| | | C4K0 | 0CN1020K518 | 1000P 50V KB TA26 | | | 1 | C559 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| | | C4K1 | 0CN1020K518 | 270P 50V KB TA26 | | 1 | | C560 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | 1 | | 0CN2710R318 | 0.01M 16V M Y TA26 | | | 1 | C561 | 0CK3320K515 | 3300P 50V KB TS |
| | ļ | C4K3 | 0CN1030F078 | 0.1M 50V ZF TA26 | | | | C562 | 0CK3320K515 | 3300P 50V KB TS |
| | | C4K4 | | 10P 50V C NPO TS | | | | C563 | 0CK3320K515 | 3300P 50V KB TS |
| l | | C4K5 | 0CC1000K015 | 10P 50V CNPO TS | | | | C5A1 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| | | C4K6 | 0CC1000K015 | 0.022M 25V Z F TA26 | | 1 | | C601 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| | | C4K7 | 0CN2230H948 | 1 | | | | C602 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| l | | C4K8 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 | | | | C603 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| | | C4K9 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 | | | | C604 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| | | C4L1 | 0CN4710K518 | 470P 50V KB TA26 | | | | C605 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| | | C4L2 | 0CN1040K948 | 0.1M 50V ZF TA26 | | | | C606 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| | | C4L3 | 0CN4710K518 | 470P 50V KB TA26 | | | | C607 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| | 1 | C4L4 | 0CN1040K948 | 0.1M 50V ZF TA26 | 1 | | | C608 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| 1 | | C4L5 | 0CQ4721N409 | 0.0047U 100V J POLY TP | | | | 1 | | 0.1M 50V ZF TA26 |
| ł | | C4L6 | 0CX1200K408 | 12P 50V J SL TA26 | | | | C609 | 0CN1040K948 0CN1040K948 | 0.1M 50V ZF TA26 |
| | | C4L7 | 0CN1030F678 | 0.01M 16V M Y TA26 | | 1 | | C610 | 1 | 0.1M 50V ZF TA26 |
| | | C501 | 0CN1040K948 | 0.1M 50V ZF TA26 | | | 1 | C611 | 0CN1040K948 | |
| | | C502 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) | l | 1 | | C612 | 0CN1040K948 | i i |
| | 1 | C503 | 0CN1040K948 | 0.1M 50V ZF TA26 | | | | C613 | 0CN1040K948 | i i |
| | | C504 | 0CC1800K415 | 18P 50V J NPO TS | ١ | | | C614 | 0CN1040K948 | |
| 1 | | C505 | 0CC2200K415 | 22P 50V J NP0 TS | 1 | 1 | | C615 | 0CX1800K408 | |
| | | C506 | 0CN1030F678 | 0.01M 16V M Y TA26 | | | 1 | C631 | 0CN1010K518 | 100P 50V KB TA26 |
| | | C507 | 0CN1030F678 | 0.01M 16V M Y TA26 | L | 1 | | C632 | 0CN1020K518 | 1000P 50V KB TA26 |
| 1 | İ | C508 | 0CN1020K518 | 1000P 50V KB TA26 | | | | C633 | 0CE4753F638 | 4.7M SRE 16V M FM5 TP(5) |
| | | C509 | 0CN1040K948 | 0.1M 50V ZF TA26 | | | | C634 | 0CE2264F638 | 22M SRA 16V M FM5 TP(5) |
| | | C510 | 0CN1030F678 | 0.01M 16V M Y TA26 | ı | 1 | | C635 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C511 | 0CN1030F678 | 0.01M 16V M Y TA26 | | | | C636 | 0CN1020K518 | 1000P 50V KB TA26 |
| 1 | | C512 | 0CN1030F678 | 0.01M 16V M Y TA26 | 1 | | 1 | C651 | 0CE2254K638 | 2.2M SRA 50V M FM5 TP(5) |
| 1 | | C513 | 0CN1020K518 | 1000P 50V KB TA26 | | | | C701 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| 1 | 1 | C514 | 0CN1040K948 | 0.1M 50V Z F TA26 | 1 | | | C703 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C515 | 0CN1040K948 | 0.1M 50V ZF TA26 | | | | C704 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C516 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) | 1 | 1 | | C705 | 0CE1074F638 | 100U SRA 16V M FM5 TP(5) |
| 1 | | C518 | 0CN1040K948 | 0.1M 50V ZF TA26 | | 1 | | C706 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C519 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) | | 1 | | C707 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 |
| | | C520 | 0CN1040K948 | 0.1M 50V ZF TA26 | | | | C708 | 0CX3300K408 | 33P 50V J SL TA26 |
| | 1 | C531 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) | | | | C715 | 0CE1066F638 | 10UF SMS 16V M FM5 TP5 |
| 1 | | C532 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) | | 1 | | C716 | 0CQ2231N409 | 0.022U 100V J POLY TP |
| 1 | | C533 | 0CN6820F668 | 6800P 16V M X TA26 | | | | C717 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| | | C534 | 0CN1020K518 | 1000P 50V KB TA26 | 1 | | | C718 | 0CQ2231N409 | 0.022U 100V JPOLY TP |
| | | C535 | 0CN1040K948 | 0.1M 50V ZF TA26 | 1 | | | C719 | 0CE2256K638 | 2.2M SMS 50V M FM5 TP(5) |
| 1 | | C536 | 0CN1030F678 | 0.01M 16V M Y TA26 | | 1 | | C721 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 |
| | | C537 | 0CN1040K948 | 0.1M 50V ZF TA26 | 1 | | | C722 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C538 | 0CN1040K948 | 0.1M 50V ZF TA26 | | | | C723 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| 1 | | C539 | 0CN1040K948 | 0.1M 50V ZF TA26 | | | | C724 | 0CE2256K638 | 2.2M SMS 50V M FM5 TP(5) |
| | | C540 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) | 1 | | | C726 | 0CC0800K115 | 8P 50V D NPO TS |
| 1 | | C541 | 0CN4730K948 | 0.047M 50V Z F TA26 | | | | C727 | 0CX4700K408 | 47P 50V J SL TA26 |
| 1 | | C542 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) | | | | C728 | 0CX4700K408 | 47P 50V J SL TA26 |
| | | C544 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) | | | | C729 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 |
| 1 | | C545 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) | | | | C730 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C546 | 0CN1040K948 | 0.1M 50V ZF TA26 | 1 | | | C731 | 0CQ4731N409 | 0.047U 100V JPOLY TP |
| 1 | | C547 | 0CN1040K948 | 0.1M 50V ZF TA26 | | | 1 | C732 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C548 | 0CN1030F678 | 0.01M 16V M Y TA26 | | | | C734 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| | | C549 | 0CE2264F638 | 22M SRA 16V M FM5 TP(5) | 1 | | | C735 | 9CN1030F678 | 0.01M 16V M Y TA26 |
| | | C550 | 0CN1030F678 | 0.01M 16V M Y TA26 | ļ | | 1 | C750 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| L | | | | 1 | ┛ | L | \perp | | | |

| | | <i></i> | | г | | | | | HUN DATE : 94.02.14 |
|----|--|-------------|----------------------------|-----|-----|----|---------|-------------|-------------------------------|
| s | AL LOCA.NO | PART NO(GS) | SPECIFICATION | ı | s | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
| - | | | | ŀ | | | | | |
| 1 | C751 | 0CE4766F638 | 47M SMS 16V M FM5 TP5 | ١ | | | C858 | 0CN1020K518 | 1000P 50V KB TA26 |
| 1 | C753 | 0CQ4731N409 | 0.047U 100V J POLY TP | 1 | | | C859 | 0CN4710K518 | 470P 50V KB TA26 |
| | C770 | 0CN1040K948 | 0.1M 50V ZF TA26 | 1 | ı | | C860 | 0CN1020K518 | 1000P 50V KB TA26 |
| 1 | C771 | 0CQ1231N409 | 0.012U 100V J POLY TP | 1 | - 1 | | C861 | 0CN1020K518 | 1000P 50V KB TA26 |
| 1 | C772 | 0CX2400K408 | 24P 50V J SL TA26 | ١ | | İ | C862 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| | C773 | 0CN1010K518 | 100P 50V KB TA26 | 1 | 1 | j | C870 | 0CX6800K408 | 68P 50V J SL TA26 |
| | C774 | 0CN1010K518 | 100P 50V KB TA26 | İ | | | C871 | 0CX6800K408 | 68P 50V J SL TA26 |
| 1 | C801 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | - 1 | | | C872 | 0CX6800K408 | 68P 50V J SL TA26 |
| | C802 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | - | | | C8A0 | 0CE1074F638 | 100U SRA 16V M FM5 TP(5) |
| | C803 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | - 1 | | | C8A1 | 0CN1010K518 | 100P 50V KB TA26 |
| | C804 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | - | | | C8A2 | 0CE4776F638 | 470UF SMS 16V M FM5 TP5 |
| l | C806 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | | | | C8A3 | 0CE1074F638 | 100U SRA 16V M FM5 TP(5) |
| 1. | C807 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | - [| | | C8A4 | 0CC1210K415 | 120PF 50V 5 CH FM(5MM) |
| ŀ | C808 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | - | | | C8A5 | 0CC1510K415 | 150P 50V J NPO TS |
| | C809 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | - 1 | | | C8A6 | 0CE1074F638 | 100U SRA 16V M FM5 TP(5) |
| 1 | C810 | 0CN1030F678 | 0.01M 16V M Y TA26 | - [| | | C8A7 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | C811 | 0CE2274C638 | 220M SRA 6.3V M FM5 TP(5) | - | | | C8A8 | 0CE1074F638 | 100U SRA 16V M FM5 TP(5) |
| | C812 | 0CN1030F678 | 0.01M 16V M Y TA26 | - 1 | | | C8A9 | 0CX3900K408 | 39P 50V J SL TA26 |
| | C813 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) | | | | C8B1 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | C814 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | - [| | | C8B2 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | C815 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | ١ | | | C8B3 | 0CC1200K415 | 12P 50V JNP0 TS |
| | C816 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | - 1 | | | C8B4 | 0CC3300K415 | 33P 50V JNP0 TP |
| | C817 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | - 1 | | | C8C1 | 0CN1040K948 | 0.1M 50V ZF TA26 |
| l | C818 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | | | | C901 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| į | C819 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | - [| | | C902 | 0CE2244K638 | 0.22M SRA 50V M FM5 TP(5) |
| 1 | C820 | 0CE4775C638 | 470M SR 6.3V M FM5 TP(5) | - 1 | | | C903 | 0CX3900K408 | 39P 50V JSL TA26 |
| | C821 | 0CN1020K518 | 1000P 50V KB TA26 | | | | C904 | 0CX3900K408 | 39P 50V JSL TA26 |
| 1 | C822 | 0CN1020K518 | 1000P 50V KB TA26 | | | | C905 | 0CE2244K638 | 0.22M SRA 50V M FM5 TP(5) |
| 1 | C823 | 0CN1030F678 | 0.01M 16V M Y TA26 | | | | C906 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| 1 | C824 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) | | | | C907 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| 1 | C825 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | ١ | | | C908 | 0CE2244K638 | 0.22M SRA 50V M FM5 TP(5) |
| 1 | C826 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | - | | | C909 | 0CX3900K408 | 39P 50V JSL TA26 |
| 1 | C827 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | | | | C910 | 0CX3900K408 | 39P 50V J SL TA26 |
| 1 | C828 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | - | | | C911 | 0CE2244K638 | 0.22M SRA 50V M FM5 TP(5) |
| 1 | C829 | 0CN1020K518 | 1000P 50V KB TA26 | - | | | C912 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| 1 | C830 | 0CN1020K518 | 1000P 50V KB TA26 | - 1 | | | C913 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| 1 | C832 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | - | | | C914 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| 1 | C833 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | - | | | C915 | 0CX3300K408 | 33P 50V JSL TA26 |
| ı | C834 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | | | | C916 | 0CN2230H948 | 0.022M 25V Z F TA26 |
| l | C835 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | ١ | - 1 | l | C917 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | C836 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | - 1 | | | C918 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| l | C837 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | ı | i | ŀ | C919 | 0CE1044K638 | 0.1M SRA 50V M FM5 TP(5) |
| | C838 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | | İ | | C920 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | C839 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | | | | C921 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | C840 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | | | | C922 | 0CN3310K518 | 330P 50V K B TA26 |
| | C841 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | ĺ | | ļ | C923 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | C842 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | | | | C924 | 0CC0400K015 | 4P 50V C NP0 TS |
| | C843 | 0CN1030F678 | 0.01M 16V M Y TA26 | | ļ | | C925 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | C844 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) | | | ļ | C926 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | C845 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) | 1 | | | C927 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | C846 | 0CQ1021N409 | 0.001U 100V JPOLY TP | | | | C928 | 0CX2700K408 | 27P 50V J SL TA26 |
| ł | C847 | 0CQ1031N409 | 0.01U 100V J POLY TP | | | 1 | C929 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| 1 | C848 | 0CQ3321N409 | 0.0033U 100V J POLY TP | - | |] | C930 | 0CN8200K518 | 82PF 50V K B TA26 |
| 1 | C849 | 0CQ6831N409 | 0.068U 100V J POLY TP | | | | C932 | 0CN3310K518 | 330P 50V K B TA26 |
| l | C850 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) | | | | C933 | 0CC0300K015 | 3P 50V C NPO TS |
| | C851 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) | ſ | | | | n. | ODE |
| | C852 | 0CN1010K518 | 100P 50V KB TA26 | -[| | | | וט | ODE |
| | C853 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) | I | П | T | D001 | 0DD131009AA | 199131 DETECT CM/28/AATD DOUB |
| | C854 | 0CQ4721N409 | 0.0047U 100V J POLY TP | | | | | | 1SS131 DETECT,SW(26MM)TP ROHM |
| | C855 | 0CQ3331N409 | 0.033U 100V J POLY TP | | | | D101 | 0DD400300DA | RECT.1N4003(KARIBONG) |
| | C856 | 0CN1040K948 | 0.1M 50V ZF TA26 | | | | D102 | 0DD400300DA | RECT.1N4003(KARIBONG) |
| | C857 | 0CN4710K518 | 470P 50V KB TA26 | | - | - | D103 | 0DD400300DA | RECT.1N4003(KARIBONG) |
| | <u></u> | | | L | | | D105 | 0DD402000AC | BRIDGE RBA-402 SANKEN |

| s | AL | LOCA.NO | PART NO(GS) | SPECIFICATION | | | |
|----|---------|---------|-------------|--------------------------------|--|--|--|
| | | D106 | 0DD402000AC | BRIDGE RBA-402 SANKEN | | | |
| 1 | | D107 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D108 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D201 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D202 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D203 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D204 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH | | | |
| | | D205 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH | | | |
| | | D206 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D207 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D208 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D209 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| ĺ | | D210 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH | | | |
| | | D211 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH | | | |
| l | | D212 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH | | | |
| l | | D213 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH | | | |
| | | D301 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| l | | D302 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| 1 | | D303 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D305 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D3A1 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D3A2 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| 1 | 1 | D3A3 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D3A4 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D3A5 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| 1 | | D3A6 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| 1 | | D3A8 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D3A9 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| 1 | | D401 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D402 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| 1 | | D403 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D404 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D501 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH | | | |
| | | D502 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH | | | |
| 1 | | D503 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH | | | |
| | | D505 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| 1 | | D506 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| 1 | | D521 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH | | | |
| i | | D522 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH | | | |
| | | D601 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D602 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| 1 | | D603 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| ı | | D604 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | D8A2 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| L | \perp | D901 | 0DD131009AA | 1SS131 DETECT,SW(26MM)TP ROHM | | | |
| | | | DISPL | AY TUBE | | | |
| F | Τ | DG601 | 514-031A | 13BT-133GK DD1 FUTABA | | | |
| | | | DEL | AY LINE | | | |
| - | Т | DL301 | 617-011A | MS-31PC (KSS) | | | |
| L | \perp | FL3A1 | 617-011A | MS-31PC (KSS) | | | |
| | | | F | FUSE | | | |
| | | F101 | 585-011A | T 500MA 250V S504 | | | |
| | | F102 | 585-011H | T 2.5A, 250V S506 | | | |
| | | F103 | 585-011H | T 2.5A, 250V S506 | | | |
| | FILTER | | | | | | |
| 1. | \neg | E1404 | 616 0045 | LINE 901 202 ED/BILLEON | | | |
| ت | Ч_ | FL101 | 616-004B | LINE 801-302-FD(BUJEON) | | | |

| _ | | | | HON DATE : \$4.02.14 |
|---|---------|---------|-------------|--------------------------------|
| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
| | | FL301 | 616-064B | L/C LPF1.5-1B(YL-0170A)S/S |
| | | FL302 | 616-053A | HPF 1.4MHZ (DAE SHIN) |
| | | FL3A2 | 616-234A | A285TCHS-K5305 CAN-COIL |
| | | FL3A3 | 616-234B | A285TCHS-K5306 DD1P K-TOKO |
| | | FL3A5 | 616-126G | L/C BPF CB0067 4.43BPF S/S |
| | | FL401 | 616-069C | LPF 12KHZ(JH-1058) SAMMI |
| | | FL4A1 | 616-835B | L/C CBP 1.5 S/S |
| | | Z301 | 616-323A | SFE4.25MBF (MURATA) |
| | | Z701 | 616-099B | SAW 0FWG1962 (SIEMENS) B/G |
| | | Z703 | 616-036B | TRAP TPS5.5MB MURA |
| | | Z705 | 616-038B | CERAMIC,SFE5.5MB MURA |
| | | Z706 | 616-714A | MKT40MA100P MURATA |
| | | | | IC |
| | | IC001 | 0iHI118019A | HA118019NT(PRE-AMP 4HD) |
| | | IC101 | 0ISA514270A | STK51427(PWR REG HYBRID) |
| | | IC102 | 0IMA780600A | AN7806 6V1AREG MATSUSHITA |
| | | IC103 | 0IMA781200A | AN7812(12V REGIA) MATSUSHI |
| | | IC104 | OIMA781200A | AN7812(12V REGIA) MATSUSHI |
| | | IC201 | 0IMI381840G | M38184MA-111FP(SY+TI) |
| | | IC202 | 01H1497560A | HD49756NT(SERVO) |
| | | IC203 | 0IGS744500A | GL7445 (MOTOR DRIV-1CH) GSS |
| | | IC204 | 0IXI240200B | X24C02.8D EEP-ROM(2K CMOS) |
| | | IC205 | 0IMT523000B | PST-523G/T(3.3V) LOW |
| | | IC206 | 0IRH704800A | BA7048N(ENVLOPE-DETECT) |
| | | IC301 | 0ISA739000A | LA7390(PAL,Y/C1CHIP) |
| | | IC303 | 0IRH702500A | BA7025L PAL/MESECAM SYNC DETEC |
| | | IC304 | 0IKK740300B | MSM7403RS(2H CCD) DIP-PACK |
| | | IC3A1 | 0HI118172A | HA118172F(Y/C 8MM)HARD TRAY |
| | | IC3A2 | 0IKK740300A | MSM7403MS(2H CCD)FLAT KINSEKI |
| | | IC3A3 | 0ISO120300A | CXA1203M(8MM PAL JOG)SOP-24P-L |
| | | IC401 | 0IRH779000A | BA7790LS(AUDIO NORMAL) |
| | OR | 1 | 0IGS381600A | GL3816 |
| | " | IC402 | 0ISA701600A | LA7016 ANALOG SW |
| | | IC403 | 0ISA722200A | LA7222 (1280 AUDIO) |
| | 1 | IC4A1 | 0ISA745400A | LA7454W(FM AUDIO 8MM)HARD TRAY |
| | | IC4K1 | 0IEX108230A | XR-10823(ATF)QFP32 |
| | OR | 1 | 0ISO807240D | CXP80724-191Q(SOFT SER 24K) |
| | | IC501 | 0ISO807240F | CXP80724-196Q(8MMSY+SER) |
| | | IC502 | 0IMT523000C | PST-523D/T |
| | | IC503 | 0ISA183600A | LB1836M(LOAD DRIV) TAPE&REEL |
| | | IC504 | 0IGS358000C | GL358D(OP-AMP) |
| | | IC505 | 0ISO112700A | CXA1127M-T6 CAP-M DRIV 30SOP |
| | | IC506 | 0ISO151200A | CXA1512M |
| | | IC507 | 0IGS740600A | GL7406 (MOTOR DRIV) TAPING |
| | | IC601 | 0IRH152180B | BA15218(HEAD-PHONE AMP)DIP |
| | Ì | IC602 | 0INE163110A | UPD16311GC-AB6 FIP DRIV 52PQFP |
| | | IC701 | 01PH980200A | TDA9802(VIF PAL+SECAM-L) |
| | 1 | IC801 | 0ISA795400A | LA7954 9S SWITCHING |
| | | IC802 | 0ISA722200A | LA7222 (1280 AUDIO) |
| | | IC803 | 0ISA795400A | LA7954 9S SWITCHING |
| - | | IC804 | 0ISA722200A | LA7222 (1280 AUDIO) |
| | | IC805 | 0IJR224500A | NJM2245S(A/V S/W 6DB) 9SIP |
| | | IC806 | 0IJR224900A | NJM2249L S/W (8 PIN SIP) |
| l | | IC807 | 01PH470000A | SAA4700 VPS DECODER |
| | | IC808 | 0IJR222900A | NJM2229S SYNC SEPA (SIP PACK) |
| | | IC8A1 | 0IMI350100E | M35010-094SP(OSD Q40W)RUSSIAN |
| | | IC901 | 01H1118019A | HA118019NT(PRE-AMP 4HD) |
| | No. | | J | ACK |
| Г | T | JK601 | 572-059D | JPJ1022-01-840 |
| | | _1 | 1 | I |

| s | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|----------|--------------|----------------------------|--|
| | | JK602 | 572-059C | JPJ1022-01-830 |
| | | JK603 | 572-055A | MIC HSJ1406-01-010 |
| Г | <u> </u> | L | | OIL |
| | | , | | OIL |
| | | L001 | 0LR1000K035 | 100M K 6X6 L5 TP |
| | | L002 | 0LA0471K018 | 4.7M K 2.3X3.4 L5 TP |
| 1 | | L003 | 0LR3300K035 | 330M K 6X6 L5 TP |
| | 1 | L004 | 0LR8200K035 | 820M K 6X6 L5 TP |
| | | L005 L006 | 0LA0332K018 0LR1800K035 | 33M K 2.3X3.4 L5 TP |
| | | L006 | 0LR1000K035 | 180M K 6X6 L5 TP 100M K 6X6 L5 TP |
| | | L008 | 0LR1000K035 | 100M K 6X6 L5 TP |
| | | L201 | 0LR1000K035 | 100M K 6X6 L5 TP |
| 1 | | L202 | 0LR1000K035 | 100M K 6X6 L5 TP |
| | | L203 | 0LR1000K035 | 100M K 6X6 L5 TP |
| | | L204 | 0LR1000K035 | 100M K 6X6 L5 TP |
| | | L205 | 0LR1000K035 | 100M K 6X6 L5 TP |
| | ĺ | L206 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L291 | 0LR1000K035 | 100M K 6X6 L5 TP |
| | | L292 L2B1 | 0LA0472K018 0LA0102K018 | 47M K 2.3X3.4 L5 TP 10M K 2.3X3.4 L5 TP |
| | | L2B2 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L301 | 0LR1000K035 | 100M K 6X6 L5 TP |
| | | L302 | 0LR1000K035 | 100M K 6X6 L5 TP |
| 1 | | L303 | 0LR0472K035 | 47M K 6X6 L5 TP |
| | | L304 | 0LR0272K035 | 27M K 6X6 L5 TP |
| | | L305 | 0LA0152K018 | 15M K 2.3X3.4 L5 TP |
| | | L306 | 0LA0332K018 | 33M K 2.3X3.4 L5 TP |
| | | L307 L308 | 0LA0471K018 0LR1000K035 | 4.7M K 2.3X3.4 L5 TP 100M K 6X6 L5 TP |
| | | L309 | 0LR1000K035 | 100M K 6X6 L5 TP 100M K 6X6 L5 TP |
| | | L310 | 0LR1000K035 | 100M K 6X6 L5 TP |
| | | L311 | 0LR1000K035 | 100M K 6X6 L5 TP |
| ĺ | | L312 | 0LA0332K018 | 33M K 2.3X3.4 L5 TP |
| | | L313 | 0LA0472K018 | 47M K 2.3X3.4 L5 TP |
| | İ | L314 | 0LR8200K035 | 820M K 6X6 L5 TP |
| | | L315 | 0LA0472K018 | 47M K 2.3X3.4 L5 TP |
| | | L317 L318 | 0LR1000K035 0LR1000K035 | 100M K 6X6 L5 TP 100M K 6X6 L5 TP |
| | | L322 | 0LA0681K018 | 100M K 6X6 L5 TP 6.8M K 2.3X3.4L5 TP |
| | | L323 | 0LR1000K035 | 100M K 6X6 L5 TP |
| | | L324 | 637-013B | PECK 6.80MH-J NYE |
| | | L325 | 0LA0122K018 | 12M K 2.3X3.4 L5 TP |
| | | L326 | 0LA0181K018 | 1.8M K 2.3X3.4 L5 TP |
| | 1 | L327 | 0LA0332K018 | 33M K 2.3X3.4 L5 TP |
| | | L3A0 L3A1 | 0LR1000K035 0LR1000K035 | 100M K 6X6 L5 TP 100M K 6X6 L5 TP |
| | | L3A1 | 0LH1000K035 0LA0472K018 | 100M K 6X6 L5 TP 47M K 2.3X3.4L5 TP |
| | | L3A3 | 0LR1000K035 | 100M K 6X6 L5 TP |
| | | L3A4 | 0LR0332K035 | 33M K 6X6 L5 TP |
| | | L3A5 | 0LA1800K018 | 180M K 2.3X3.4 L5 TP |
| | | L3A7 | 0LA0102K018 | 10M K 2.3X3.4 L5 TP |
| | | L3A8 | 0LR1000K035 | 100M K 6X6 L5 TP |
| | | L3B1 | 0LA0682K018 | 68M K 2.3X3.4L5 TP |
| | | L3B3 L3B5 | 0LA0152K018 | 15M K 2.3X3.4L5 TP |
| | | L3B5 L3B6 | 0LR1000K035 0LR1000K035 | 100M K 6X6 L5 TP 100M K 6X6 L5 TP |
| | | L3C1 | 0LR1000K035 | 100M K 6X6 L5 TP |
| | | L3C2 | 0LA0222K018 | 22M K 2.3X3.4 L5 TP |
| | | L401 | 0LR1502J045 | 0.015H J 6X7 L5 TP |
| | | L402 | 0LR1000K035 | 100M K 6X6 L5 TP |
| Ш | | L403 | 0LR1000K035 | 100M K 6X6 L5 TP |

| S AL LOCA.NO PART NO(GS) SPECIFICATION | | 1 | J | | RUN DATE : 94.02.14 | | |
|--|-------|-----|---------|-------------|---|--|--|
| L405 | s | AL | LOCA.NO | PART NO(GS) | SPECIFICATION | | |
| L4A1 | | l | | | 100M K 6X6 L5 TP | | |
| L4A2 | | | | | | | |
| L4A3 | | | 1 | | l . | | |
| L4A4 0LR100K035 L4K1 0LA180K018 L4K2 0LR100K035 L4K3 0LR100K035 L4K3 0LR100K035 L501 0LR100K035 L501 0LR100K035 L502 0LR100K035 L503 0LA0101K018 L504 0LR100K035 L505 0LR100K035 L505 0LR100K035 L505 0LR100K035 L506 0LR100K035 L506 0LR100K035 L507 0LR100K035 L508 0LR100K035 L508 0LR100K035 L509 0LR100K035 L509 0LR100K035 L509 0LR100K035 L509 0LR100K035 L509 0LR100K035 L509 0LR100K035 L509 0LR100K035 L509 0LR100K035 L509 0LR100K035 L509 0LR100K035 L501 0LA0102K018 L601 0LA100K018 L601 0LA100K018 L601 0LA100K018 L601 0LA100K018 L601 0LA100K018 L701 0LA0101K018 L701 0LA0101K018 L702 0LR100K035 L703 0LA022K018 L703 0LA022K018 L709 0LA0152K018 L709 0LA0152K018 L710 0LA010K018 L711 0LR0121K035 L712 0LA100K018 L713 0LA100K018 L713 0LA100K018 L713 0LA100K018 L720 0LA100K018 L720 0LR100K035 L802 0LA100K018 L720 0LR100K035 L803 0LA100K018 L803 0LA100K018 L804 0LR100K018 L805 0LA100K018 L806 0LA100K018 L807 0LA100K018 L808 0LA100K018 L809 0LA100K018 L809 0LA100K018 L800 0LA100K018 L801 0LA100K018 L803 0LA100K018 L804 0LR100K035 L805 0LA100K018 L806 0LA100K018 L807 0LA100K018 L808 0LA100K018 L809 0LA100K018 L809 0LA100K018 L809 0LA100K018 L809 0LA100K018 L801 0LA100K018 L801 0LA100K018 L803 0LA100K018 L803 0LA100K018 L804 0LA100K018 L805 0LA100K018 L806 0LA100K018 L807 0LA100K018 L809 0LA100K018 L809 0LA100K018 L809 0LA100K018 L809 0LA100K018 L809 0LA100K018 L809 0LA100K018 L809 0LA100K018 L809 0LA100K018 L809 0LA100K018 L809 0LA100K018 L809 0LA100K018 L809 0LA100K018 L809 0LA100K018 L809 0LA100K018 L809 0LA100K018 L809 0LA100K018 L809 0LA100K035 L801 0LR100K035 L803 0LR100K035 L803 0LR100K035 L804 0LA022K018 L809 0LA100K018 L809 0L | | ļ | | | | | |
| L4K1 | | | | | l . | | |
| L4K1 0LA1800K018 180M K 2.3X3.4 L5 TP 0.H1000K035 100M K 6X6 L5 TP 100M K | | | | | | | |
| L4K2 | | | | | | | |
| L4K3 | | | 3 1 | | | | |
| L501 OLR1000K035 L502 OLR1000K035 L503 OLA0101K018 L504 OLR1000K035 L505 OLR1000K035 L505 OLR1000K035 L506 OLR1000K035 L507 OLR1000K035 L508 OLR1000K035 L508 OLR1000K035 L509 OLR1000K035 L509 OLR1000K035 L509 OLR1000K035 L509 OLR1000K035 L509 OLR1000K035 L509 OLR1000K035 L500 K6x6 L5 TP L508 OLR1000K035 L500 K6x6 L5 TP L508 OLR1000K035 L500 K6x6 L5 TP L508 OLR1000K035 L500 K6x6 L5 TP L509 OLA1000K018 L601 OLA1000K018 L601 OLA1000K018 L601 OLA1000K018 L601 OLA1000K018 L601 OLA1000K018 L601 OLA1000K018 L701 OLA0101K018 L701 OLA0101K018 L702 OLR1000K035 L703 OLA0222K018 L703 OLA0102K018 L707 OLR1000K035 L708 OLA0102K018 L709 OLA0152K018 L710 OLA0101K018 L711 OLR0121K035 L712 OLA1000K018 L712 OLA1000K018 L713 OLA1000K018 L714 OLA1000K018 L714 OLA1000K018 L715 OLA1000K018 L803 OLA1000K018 L804 OLR1000K035 L802 OLA1000K018 L804 OLA1000K018 L806 OLA1000K018 L806 OLA1000K018 L806 OLA1000K018 L806 OLA1000K018 L807 OLA1000K018 L808 OLA1000K018 L809 OLA1000K018 L809 OLA1000K018 L809 OLA1000K018 L809 OLA1000K018 L809 OLA1000K018 L809 OLA1000K018 L809 OLA1000K018 L809 OLA1000K018 L809 OLA1000K018 L809 OLA1000K018 L809 OLA1000K018 L809 OLA1000K018 L809 OLA1000K018 L809 OLA1000K018 L809 OLA1000K018 L809 OLA1000K018 L809 OLA0472K018 L809 OLA0472K018 L905 OLA0472K018 L906 OLA0472K018 L906 OLA0472K018 L907 OLA0100K018 L908 OLA0472K018 L909 OLA0102K018 L909 OLA0102K018 L909 OLA0102K018 L909 OLA0102K018 L909 OLA0102K018 L909 OLA0102K018 L909 OLA0102K018 L909 OLA0102K018 L909 OLA0102K018 L909 OLA0102K018 L909 OLA0102K018 L909 OLA0102K018 L909 OLA0102K018 L909 OLA0102K018 L909 OLA0102K018 L909 OLA0102K018 L909 OLA0102K018 L909 OLA0102K018 L90 | | | 1 1 | | l e e e e e e e e e e e e e e e e e e e | | |
| L502 OLA100K035 CL503 OLA0101K018 L504 OLR1000K035 CL505 OLR1000K035 CL505 OLR1000K035 CL506 OLR1000K035 CL507 OLR1000K035 CL507 OLR1000K035 CL507 OLR1000K035 CL501 OLA0102K018 CL501 OLA1000K018 CL501 OLA1000K018 CL501 OLA1000K018 CL502 OLA1000K018 CL502 OLA1000K018 CL502 OLA1000K018 CL502 OLA1000K018 CL502 OLA1000K018 CL502 OLA1000K018 CL502 | | | 1 | | | | |
| L503 | | | 1 | | | | |
| L504 OLR1000K035 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 2.3X3.4 L5 | | | 1 | | l . | | |
| L505 OLR1000K035 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 2.3X3.4 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 6X6 L5 TP 100M K 2.3X3.4 L5 TP 100M K 6X6 L5 TP 10 | | | | | l : | | |
| L507 | | ļ | L505 | 0LR1000K035 | | | |
| L508 | | | L506 | 0LR1000K035 | 100M K 6X6 L5 TP | | |
| L521 | | | L507 | 0LR1000K035 | 100M K 6X6 L5 TP | | |
| L601 | 1 | | L508 | 0LP1000K035 | 100M K 6X6 L5 TP | | |
| L602 | | | 1 1 | | i | | |
| L631 | | | 1 1 | | f I | | |
| L701 | | | 1 1 | | | | |
| L702 | | | , , | | 1 | | |
| L703 | | | i | | i i | | |
| L707 | | | | | | | |
| L708 | | | | | l : | | |
| L709 | | | i 1 | | l . | | |
| L710 | | | | | | | |
| L711 | | | 1 1 | | | | |
| L712 | | | : 1 | | | | |
| L713 | | | 1 1 | · · | | | |
| L802 | | | L713 | 0LA1000K018 | | | |
| L803 | | | L720 | 0LR1000K035 | 100M K 6X6 L5 TP | | |
| L804 | | | | | 100M K 2.3X3.4 L5 TP | | |
| L805 | | | 1 1 | | | | |
| L806 | | | ; I | | | | |
| L807 | | | | | | | |
| L808 | | | | | | | |
| L809 | | | | | | | |
| L810 | | | | | · · | | |
| L811 | | | 1 1 | | | | |
| L8A1 | | | | | ** ** | | |
| L8A2 | | | 1 1 | | | | |
| L8A3 | | | 1 | | | | |
| L902 | | | L8A3 | 0LA0332K018 | 33M K 2.3X3.4 L5 TP | | |
| L903 | | | I ' I | | | | |
| L904 | | | 1 1 | | - : | | |
| L905 | | | 1 1 | | = 1 11 | | |
| L906 | | | 1 1 | | | | |
| L907 | | | | | == | | |
| L908 | | | 1 1 | | | | |
| T401 633-032C BIAS-OSC(MISUMI) 70KHZ T402 633-032C BIAS-OSC(MISUMI) 70KHZ T701 633-085A V-COIL 2920N-K5592Z 77.8 TOKO W777 0LA1000K018 100M K 2.3X3.4 L5 TP LED | | | | | | | |
| T402 633-032C BIAS-OSC(MISUMI) 70KHZ T701 633-085A V-COIL 2920N-K5592Z 77.8 TOKO W777 0LA1000K018 100M K 2.3X3.4 L5 TP LED | | | | | | | |
| T701 633-085A V-COIL 2920N-K5592Z 77.8 TOKO W777 0LA1000K018 100M K 2.3X3.4 L5 TP LED | | | 1 1 | | | | |
| W777 0LA1000K018 100M K 2.3X3.4 L5 TP | | | | 1 | | | |
| LED | | | | | | | |
| | لـــا | IFD | | | | | |
| LED601 ODL112000AK DL-11S2GNS(SUPPER,GREEN,03)KOC | | LEU | | | | | |
| | | | LED601 | 0DL112000AK | DL-11S2GNS(SUPPER,GREEN,03)KOC | | |
| LED621 0DL112000AK DL-11S2GNS(SUPPER,GREEN,03)KOC | | L | LED621 | 0DL112000AK | | | |

| S AL LOCA | A.NO PART NO(GS) | SPECIFICATION |
|--|--|---|
| <u> </u> | MOD | ULATOR |
| MD. | 701 592-808A | MCB8-UG3630 PAL B/G WO ATT |
| | CIRCUIT BO | ARD ASSEMBLY |
| PBI PBI PBI | Į. | I/O BOARD JUNCTION 2 (G/S) MAIN (C+,VCR+) POWER1 POWER2 POWER3 VHS KEY & TIMER |
| | TRAN | SFORMER |
| * PT | | 230V/240V/50HZ |
| | TRA | NSISTOR |
| Q2 Q2 Q2 Q2 Q2 Q2 Q2 Q3 Q3 Q3 Q3 Q3 Q3 Q3 Q3 Q3 Q3 Q3 Q3 Q3 | 03 0TR319909AE 09 0TR126709AC 10 0TR319909AE 11 0TR319909AE 01 0TR223609AB 02 0TR966009AA 03 0TR223609AB 01 0TR103009AE 02 0TR103009AE 04 0TR319809AC 05 0TR103009AE 06 0TR319809AC 07 0TR103009AE 108 0TR319809AC 109 0TR966009AA | KTC3199-GR MINI TP KEC KTA1267-GR MINI TP KEC KTC3199-GR MINI TP KEC KTC3199-GR MINI TP KEC KTC3199-GR MINI TP KEC KTC2236A-Y=KTC3205Y TP KEC KTC4236A-Y=KTC3205Y TP KEC KTC4236A-Y=KTC3205Y TP KEC KTC4236A-Y=KTC3205Y TP KEC KTC4103M-TP (KR42203) KEC KR4103M-TP (KR42203) KEC KR4103M-TP (KR42203) KEC KR4103M-TP (KR42203) KEC KTC3198-TP-BL (KTC1815)KEC KTC3198-TP-BL (KTC1815)KEC KTC3198-TP-BL (KTC1815)KEC KTC4103M-TP (KRC1203) KEC KTC4103M-TP (KRC1203) KEC KTC103M-TP (KRC1203) KEC KTC103M-TP (KRC1203) KEC KTC103M-TP (KRC1203) KEC KTC103M-TP (KRC1203) KEC KTC103M-TP (KRC1203) KEC KTC103M-TP (KRC1203) KEC KTC41266-GR,TP(KTA1015),KEC KTC3198-TP-BL (KTC1815)KEC KTC4103M-TP (KRC1203) KEC KTC4103M-TP (KRC1203) KEC KTC4103M-TP (KRC1203) KEC KTC41266-GR,TP(KTA1015),KEC KTC4103M-TP (KRC1203) KEC KTC4103M-TP (KRC1203) KEC KTC4103M-TP (KRC1203) KEC KTC4103M-TP (KRC1203) KEC KTC4198-TP-BL (KTC1815)KEC KTC41266-GR,TP(KTA1015),KEC KTC4198-TP-BL (KTC1815)KEC KTC4198-TP-BL (KTC1815)KEC KTC4198-TP-BL (KTC1815)KEC KTC3198-TP-BL (KTC1815)KEC |

| s | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---------|----|--------------|----------------------------|--|
| | | Q316 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| | | Q321 | 0TR103009AF | KRA103M-TP (KRA2203) KEC |
| | | Q322 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q323 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| | | Q324 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC |
| | | Q325 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC |
| | | Q3A0 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| | | Q3A1 | 0TR319909AE | KTC3199-GR MINI TP KEC |
| | | Q3A3 | 0TR319909AE | KTC3199-GR MINI TP KEC |
| | | Q3A7 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| | | Q3A8 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC |
| | | Q3A9 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| | | Q3B1 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | 1 | Q3B2 | 0TR966009AA | KTA966A-Y=KTA1273Y TP KEC |
| | | Q3B3 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q3B4 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q3B5 | 0TR103009AF | KRA103M-TP (KRA2203) KEC |
| | | Q3B6 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q3B7 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q3B8 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q3B9 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| l | | Q401 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC |
| | | Q402 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC |
| | | Q403 | 0TR103009AF | KRA103M-TP (KRA2203) KEC |
| | | Q404 | 0TR320509AB | KTC3205-TP-Y (KTC2236A)KEC |
| | | Q405 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q406 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q407 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q408 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q409 | 0TR320509AB | KTC3205-TP-Y (KTC2236A)KEC |
| | | Q410 | 0TR320509AB | KTC3205-TP-Y (KTC2236A)KEC |
| | | Q411 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| | | Q420 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q4A1 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| | | Q4A2 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| | | Q4K1 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| | | Q503 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| l | | Q504 | 0TR223609AB | KTC2236A-Y=KTC3205Y TP KEC |
| | | Q505 | 0TR205800AA | KTD2058-0 KEC |
| l | | Q506 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC |
| | | Q507 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC KTA1266-GR,TP(KTA1015),KEC |
| | | Q508 | 0TR126609AE 0TR126609AE | , |
| | | Q509 Q510 | 0TR205800AA | KTA1266-GR,TP(KTA1015),KEC KTD2058-0 KEC |
| | | Q601 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| | | Q602 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| 1 | | Q701 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| Ī | | Q701 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| l | | Q702 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC |
| 1 | | Q709 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| l | | Q801 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| | | Q802 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC |
| | | Q803 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC |
| | | Q804 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC |
| | | Q805 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC |
| | | Q806 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC |
| 1 | 1 | Q807 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC |
| l | | Q810 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| 1 | | Q811. | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q812 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC |
| 1 | | Q813 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| l | | Q8A1 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| <u></u> | 1 | <u> </u> | 1 | |

| | | | | | _ | - + | | | | AUN DATE . 94.02.14 |
|----------|----|---------|-------------|----------------------------|-----|-----|----|--------------|----------------------------|---------------------|
| s | AL | LOCA.NO | PART NO(GS) | SPECIFICATION | | s | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
| H | - | Q8A2 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC | 卜 | | | R209 | 0RD1203F608 | 120K 1/6W 5 TA26 |
| 1 | | | | KTC3198-TP-BL (KTC1815)KEC | 1 | 1 | | R210 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | 1 | Q8A3 | 0TR319809AC | , | | | | R211 | 0RD3302F608 | 33K 1/6W 5 TA26 |
| 1 | | Q8A4 | 0TR103009AE | KRC103M-TP (KRC1203) KEC | | - 1 | | R212 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| ļ | 1 | Q8A5 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC | | | | R213 | 0RD3901F608 | 3.9K 1/6W 5 TA26 |
| 1 | 1 | Q8A6 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC | | | | R214 | 0RD2703F608 | 270K 1/6W 5 TA26 |
| ı | | Q8A7 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC | | | | ï | 0RD6802F608 | 68K 1/6W 5 TA26 |
| 1 | ŀ | Q8A8 | 0TR103009AE | KRC103M-TP (KRC1203) KEC | | | | R215 R216 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| 1 | | Q901 | 0TR126609AE | KTA1266-GR,TP(KTA1015),KEC | - 1 | | | 1 | 0RD6801F608 | 6.8K 1/6W 5 TA26 |
| 1 | | Q902 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC | | | | R218 | | 820K 1/6W 5 TA26 |
| | 1 | Q903 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC | | | | R219 | 0RD8203F608 | |
| | 1 | Q904 | 0TR103009AE | KRC103M-TP (KRC1203) KEC | | | | R220 | 0RD5603F608 | 560K 1/6W 5 TA26 |
| 1 | 1 | Q905 | 0TR103009AE | KRC103M-TP (KRC1203) KEC | ļ | | | R221 | 0RD8201F608 | 8.2K 1/6W 5 TA26 |
| 1 | 1 | Q906 | 0TR103009AE | KRC103M-TP (KRC1203) KEC | | | | R222 | 0RD1501F608 | 1.5K 1/6W 5 TA26 |
| | | · | 550 | IOTOD | | | | R223 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| 1 | | | KES | SISTOR | - 1 | | | R224 | 0RD6803F608 | 680K 1/6W 5 TA26 |
| \vdash | T | 1 | T | | - 1 | | | R225 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| 1 | | R001 | 0RD0822F608 | 82 1/6W 5 TA26 | - 1 | | | R226 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| | | R002 | 0RD0562F608 | 56 1/6W 5 TA26 | | | | R227 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R003 | 0RD0562F608 | 56 1/6W 5 TA26 | | | | R228 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| | | R005 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | | R229 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | 1 | R007 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | - 1 | | | R230 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R008 | 0RD2200F608 | 220 1/6W 5 TA26 | - 1 | | | R231 | 0RD3902F608 | 39K 1/6W 5 TA26 |
| | 1 | R009 | 0RD2201F608 | 2.2K 1/6W 5 TA26 | | | | R232 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| 1 | | R010 | 0RD1201F608 | 1.2K 1/6W 5 TA26 | | | | R233 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R011 | 0RD6800F608 | 680 1/6W 5 TA26 | | | | R234 | 0RD0101F608 | 1.0 1/6W 5 TA26 |
| 1 | | R012 | 0RD4704F608 | 4.7M 1/6W 5 TA26 | | | | R235 | 0RD0101F608 | 1.0 1/6W 5 TA26 |
| | 1 | R028 | 0RD1002F608 | 10K 1/6W 5 TA26 | | | | R236 | 0RD8201F608 | 8.2K 1/6W 5 TA26 |
| 1 | | R029 | 0RD3903F608 | 390K 1/6W 5 TA26 | | | | R237 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| 1 | | R030 | 0RD1002F608 | 10K 1/6W 5 TA26 | | | | R238 | 0RD8202F608 | 82K 1/6W 5 TA26 |
| | | R031 | 0RD1002F608 | 10K 1/6W 5 TA26 | | | | R239 | 0RD5602F608 | 56K 1/6W 5 TA26 |
| | | R032 | 0RD2200F608 | 220 1/6W 5 TA26 | | | | R240 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| 1 | | R033 | 0RD2202F608 | 22K 1/6W 5 TA26 | | l | | R241 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R034 | 0RD2202F608 | 22K 1/6W 5 TA26 | | | | R242 | 0RD4700F608 | 470 1/6W 5 TA26 |
| 1 | 1 | R035 | 0RD4700F608 | 470 1/6W 5 TA26 | l | | | R243 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | 1 | R036 | 0RD4700F608 | 470 1/6W 5 TA26 | | | l | 1 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | 1 | R037 | 0RD6800F608 | 680 1/6W 5 TA26 | | | | R244 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| - | | R038 | 0RD2702F608 | 27K 1/6W 5 TA26 | | | | R245 | | 680K 1/6W 5 TA26 |
| | | R039 | 0RD1202F608 | 12K 1/6W 5 TA26 | | | | R246 | 0RD6803F608 | • |
| | | R040 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | | R247 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | 1 | R041 | 0RD2201F608 | 2.2K 1/6W 5 TA26 | | | | R248 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| 1 | | R042 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | İ | R250 | 0RD6802F608 0RD6802F608 | 68K 1/6W 5 TA26 |
| 1 | - | ROAA | 0RD2201F608 | 2.2K 1/6W 5 TA26 | | | } | R251 | | 68K 1/6W 5 TA26 |
| 1 | 1 | R101 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | | R253 | 0RD6802F608 | 68K 1/6W 5 TA26 |
| | | R102 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | | R254 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| 1 | | R103 | 0RD5601F608 | 5.6K 1/6W 5 TA26 | | | | R255 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R104 | 0RD1502F608 | 15K 1/6W 5 TA26 | | | | R256 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R105 | 0RD1003F608 | 100K 1/6W 5 TA26 | l | | | R258 | 0RD3301F608 | 3.3K 1/6W 5 TA26 |
| | 1 | R106 | 0RD8201F608 | 8.2K 1/6W 5 TA26 | 1 | | | R259 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | 1 | 1 | 10K 1/6W 5 TA26 | 1 | | | R260 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R107 | 0RD1002F608 | 1 | | | | R261 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R108 | 0RD2201F608 | 2.2K 1/6W 5 TA26 | | 1 | | R262 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R109 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | 1 | | R263 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R112 | 0RD0101F608 | 1.0 1/6W 5 TA26 | 1 | 1 | | R264 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R113 | 0RD0101F608 | 1.0 1/6W 5 TA26 | 1 | | | R265 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| 1 | | R114 | 0RD5600F608 | 560 1/6W 5 TA26 | | 1 | | R266 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| 1 | | R115 | 0RD2201F608 | 2.2K 1/6W 5 TA26 | 1 | 1 | | R267 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| 1 | 1 | R116 | 0RD4702F608 | 47K 1/6W 5 TA26 | | | | R268 | 0RD3302F608 | 33K 1/6W 5 TA26 |
| | | R201 | 0RD2201F608 | 2.2K 1/6W 5 TA26 | 1 | | | R269 | 0RD3302F608 | 33K 1/6W 5 TA26 |
| 1 | | R203 | 0RD4701F608 | 4.7K 1/6W 5 TA26 | | | | R270 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| 1 | 1 | R204 | 0RD8202F608 | 82K 1/6W 5 TA26 | | | | R271 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | 1 | R205 | 0RD6802F608 | 68K 1/6W 5 TA26 | 1 | 1 | | R272 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R206 | 0RD1502F608 | 15K 1/6W 5 TA26 | | | | R273 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R207 | 0RD3301F608 | 3.3K 1/6W 5 TA26 | | 1 | | R274 | 0RD4704F608 | 4.7M 1/6W 5 TA26 |
| L | | R208 | 0RD1501F608 | 1.5K 1/6W 5 TA26 | _ | L | | | 1 | <u> </u> |

| | т- | T | | T | · - | | | | RUN DATE : 94.02.14 |
|---|----|--------------|----------------------------|-------------------------------------|------------|---|--------------|----------------------------|--------------------------------------|
| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION | s | Α | LOCA.NO | PART NO(GS) | SPECIFICATION |
| 1 | | R275 | 0RD1003F608 | 100K 1/6W 5 TA26 | | | R349 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R276 | 0RD1004F608 | 1.0M 1/6W 5 TA26 | | | R350 | 0RD1201F608 | 1.2K 1/6W 5 TA26 |
| | | R290 | 0RD4701F608 | 4.7K 1/6W 5 TA26 | | | R351 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | 1 | R291 | 0RD4701F608 | 4.7K 1/6W 5 TA26 | 1 | | R352 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R292 | 0RD4701F608 | 4.7K 1/6W 5 TA26 | | 1 | R353 | 0RD8200F608 | 820 1/6W 5 TA26 |
| | | R293 | 0RD3301F608 | 3.3K 1/6W 5 TA26 | | | R355 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| 1 | | R294 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | R356 | 0RD5602F608 | 56K 1/6W 5 TA26 |
| | | R295 | 0RD2702F608 | 27K 1/6W 5 TA26 | !] | | R357 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R296 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | R359 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | 1 | R297 | 0RD2203F608 | 220K 1/6W 5 TA26 | | | R360 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R298 | 0RD4701F608 | 4.7K 1/6W 5 TA26 | | Ì | R361 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R2A1 | 0RD1502F608 | 15K 1/6W 5 TA26 | | | R362 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R2A2 | 0RD1202F608 | 12K 1/6W 5 TA26 | | | R363 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R2B1 | 0RD1002F608 | 10K 1/6W 5 TA26 | | | R364 | 0RD1201F608 | 1.2K 1/6W 5 TA26 |
| | | R2B2 | 0RD2201F608 | 2.2K 1/6W 5 TA26 | | | R365 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R2M2 | 0RD2201F608 | 2.2K 1/6W 5 TA26 | | | R366 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| 1 | İ | R2M3 | 0RD2201F608 | 2.2K 1/6W 5 TA26 | | | R367 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| | | R303 | 0RD4701F608 | 4.7K 1/6W 5 TA26 | | | R368 | 0RD1200F608 | 120 1/6W 5 TA26 |
| | | R304 | 0RD1002F608 | 10K 1/6W 5 TA26 | | 1 | R369 | 0RD8200F608 | 820 1/6W 5 TA26 |
| 1 | | R305 | 0RD3302F608 | 33K 1/6W 5 TA26 | | | R370 | 0RD1000F608 | 100 1/6W 5 TA26 |
| 1 | | R306 | 0RD1202F608 | 12K 1/6W 5 TA26 | | | R372 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | Ì | R307 | 0RD1202F608 | 12K 1/6W 5 TA26 | | | R373 | 0RD0272F608 | 27 1/6W 5 TA26 |
| | | R308 | 0RD2201F608 | 2.2K 1/6W 5 TA26 | | | R374 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R309 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | R375 | 0RD1503F608 | 150K 1/6W 5 TA26 |
| | | R310 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | R376 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R311 | 0RD1201F608 | 1.2K 1/6W 5 TA26 | | | R377 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| 1 | | R312 | 0RD6801F608 | 6.8K 1/6W 5 TA26 | | | R378 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R313 | 0RD5601F608 | 5.6K 1/6W 5 TA26 | | | R399 | 0RD8200F608 | 820 1/6W 5 TA26 |
| | | R314 | 0RD6800F608 | 680 1/6W 5 TA26 | | | R3A0 | 0RD1502F608 | 15K 1/6W 5 TA26 |
| | | R315 | 0RD2202F608 | 22K 1/6W 5 TA26 | | 1 | R3A1 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | l | R316 | 0RD2700F608 | 270 1/6W 5 TA26 | | - | R3A2 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| l | ł | R317 | 0RD1201F608 | 1.2K 1/6W 5 TA26 | - 1 | İ | R3A3 | 0RD5600F608 | 560 1/6W 5 TA26 |
| ļ | | R318 | 0RD6801F608 | 6.8K 1/6W 5 TA26 | 1 | | R3A4 | 0RD2700F608 | 270 1/6W 5 TA26 |
| | | R319 | 0RD3301F608 | 3.3K 1/6W 5 TA26 | - 1 | | R3A5 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R320 | 0RD4701F608 | 4.7K 1/6W 5 TA26 | | | R3A6 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R321 R322 | 0RD1501F608 | 1.5K 1/6W 5 TA26 | | | R3A7 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| ļ | | R323 | 0RD2201F608 | 2.2K 1/6W 5 TA26 | | | R3A8 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| l | | R324 | 0RD1001F608 0RD2701F608 | 1.0K 1/6W 5 TA26 | | | R3A9 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R325 | 0RD6800F608 | 2.7K 1/6W 5 TA26 | | 1 | R3B0 | 0RD6802F608 | 68K 1/6W 5 TA26 |
| | | R326 | | 680 1/6W 5 TA26 1.0K 1/6W 5 TA26 | ı | | R3B1 | 0RD4700F608 | 470 1/6W 5 TA26 |
| l | | R327 | 0RD2201F608 | | | | H3B2 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| l | | R328 | 0RD5600F608 | 2.2K 1/6W 5 TA26 560 1/6W 5 TA26 | | ļ | R3B3 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| ļ | | R329 | 0RD1004F608 | 1.0M 1/6W 5 TA26 | | | R3B4 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| l | | R330 | 0RD8201F608 | 8.2K 1/6W 5 TA26 | ı | | R3B5 | 0RD1501F608 | 1.5K 1/6W 5 TA26 |
| | | R332 | 0RD1002F608 | 10K 1/6W 5 TA26 | - 1 | | R3B6 R3B7 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | l l | 0RD2202F608 | 22K 1/6W 5 TA26 | | 1 | R3B8 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | R3B9 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | | 0RD1001F608 | 1.0K 1/6W 5 TA26 | - [| | R3C0 | 0RD6802F608 0RD2700F608 | 68K 1/6W 5 TA26 |
| | | 1 | 0RD2702F608 | 27K 1/6W 5 TA26 | | | R3C2 | | 270 1/6W 5 TA26 |
| | | | 0RD1202F608 | 12K 1/6W 5 TA26 | | | R3C3 | 0RD3302F608 | 33K 1/6W 5 TA26 |
| | | | 0RD2201F608 | 2.2K 1/6W 5 TA26 | | | R3C4 | 0RD6802F608 | 68K 1/6W 5 TA26 |
| | | | 0RD3901F608 | 3.9K 1/6W 5 TA26 | | | R3C5 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | 1 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | ĺ | | R3C6 | 0RD2700F608 0RD1004F608 | 270 1/6W 5 TA26 |
| | | - 1 | 0RD1002F608 | 10K 1/6W 5 TA26 | | | R3C7 | 0RD4700F608 | 1.0M 1/6W 5 TA26 |
| ſ | | | | 4.7K 1/6W 5 TA26 | 1 | | R3C8 | 0RD1001F608 | 470 1/6W 5 TA26 |
| | - | | | 2.2K 1/6W 5 TA26 | | | R3D0 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| ļ | | | | 1.5K 1/6W 5 TA26 | | | l i | 0RD3902F608 | 1.2K 1/6W 5 TA26 |
| | | | | 1.0K 1/6W 5 TA26 | | | R3D2 | 0RD1802F608 | 39K 1/6W 5 TA26 |
| 1 | | - 1 | | 1.0K 1/6W 5 TA26 | | | | 0RD4701F608 | 18K 1/6W 5 TA26 |
| - | | | | 10K 1/6W 5 TA26 | | | R3D5 | CAD4701F608 | 4.7K 1/6W 5 TA26 4.7K 1/6W 5 TA26 |
| | | ž. | | 18K 1/6W 5 TA26 | | | | 0RD2201F608 | 4.7K 1/6W 5 TA26 2.2K 1/6W 5 TA26 |
| | | | | | | | | | LECTION O TAZO |

| | | | | | _ | | | | | HUN DATE : 94.02.14 |
|---|-----|----------|-------------|-----------------------------------|-------|-----|-----|----------|-------------|---------------------|
| s | AI | LOCA NO | PART NO(GS) | SPECIFICATION | - ; | s | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
| | 17. | LOGALITO | - Am No(do) | GI ZON IOATION | L | _ | | | | 0. 20 |
| | | R3D9 | 0RD6801F608 | 6.8K 1/6W 5 TA26 | | - | | R430 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| 1 | | R3E0 | 0RD1002F608 | 10K 1/6W 5 TA26 | | - 1 | | R431 | 0RD0472F608 | 47 1/6W 5 TA26 |
| | Ì | R3E1 | 0RD8200F608 | 820 1/6W 5 TA26 | | | ļ | R432 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R3E2 | 0RD2700F608 | 270 1/6W 5 TA26 | | ı | | R433 | 0RD0102F608 | 10 1/6W 5 TA26 |
| 1 | | R3E3 | 0RD3301F608 | 3.3K 1/6W 5 TA26 | -1 | | l | R434 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R3E4 | 0RD1801F608 | 1.8K 1/6W 5 TA26 | | | | R435 | 0RD4700F608 | 470 1/6W 5 TA26 |
| 1 | 1 | R3E5 | 0RD4700F608 | 470 1/6W 5 TA26 | | ı | | R436 | 0RD0102F608 | 10 1/6W 5 TA26 |
| | | R3E6 | 0RD4700F608 | 470 1/6W 5 TA26 | - | į | | R437 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| 1 | | 1 1 | | 1 · | | - | | R438 | | 68K 1/6W 5 TA26 |
| | | R3E7 | 0RD1200F608 | 120 1/6W 5 TA26 | | | Ì | | 0RD6802F608 | 1 |
| | | R3E8 | 0RD5600F608 | 560 1/6W 5 TA26 | | - | - 1 | R450 | 0RD4700F608 | 470 1/6W 5 TA26 |
| 1 | | R3E9 | 0RD1002F608 | 10K 1/6W 5 TA26 | | - | | R451 | 0RD2203F608 | 220K 1/6W 5 TA26 |
| | | R3F1 | 0RD3302F608 | 33K 1/6W 5 TA26 | | | | R452 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| | | R3F2 | 0RD4701F608 | 4.7K 1/6W 5 TA26 | | ł | | R453 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R3F3 | 0RD1003F608 | 100K 1/6W 5 TA26 | | | | R4A0 | 0RD3302F608 | 33K 1/6W 5 TA26 |
| | İ | R3F4 | 0RD2201F608 | 2.2K 1/6W 5 TA26 | I | | | R4A1 | 0RD3302F608 | 33K 1/6W 5 TA26 |
| 1 | | R3F5 | 0RD2203F608 | 220K 1/6W 5 TA26 | | | | R4A2 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| 1 | ļ | R3F6 | 0RD4703F608 | 470K 1/6W 5 TA26 | | | | R4A3 | 0RD8200F608 | 820 1/6W 5 TA26 |
| İ | | R3F7 | 0RD1003F608 | 100K 1/6W 5 TA26 | - | | | R4A4 | 0RD4700F608 | 470 1/6W 5 TA26 |
| İ | | R3F8 | 0RD1003F608 | 100K 1/6W 5 TA26 | | - 1 | | R4A5 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | | R3F9 | 0RD2202F608 | 22K 1/6W 5 TA26 | | İ | | R4A6 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R3G1 | 0RD2201F608 | 2.2K 1/6W 5 TA26 | - 1 | | | R4A7 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R3G2 | 0RD2201F608 | 2.2K 1/6W 5 TA26 | - 1 | | | R4A8 | 0RD6801F608 | 6.8K 1/6W 5 TA26 |
| 1 | | R3G3 | 0RD4701F608 | 4.7K 1/6W 5 TA26 | | | | R4A9 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| 1 | | R3H1 | 0RD1002F608 | 10K 1/6W 5 TA26 | | | | R4B1 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| 1 | | R3H2 | 0RD1002F608 | 10K 1/6W 5 TA26 | | Ì | | R4B2 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| 1 | | ! | 1 | i i | - | | | . | | 1 . |
| 1 | 1 | R3J0 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | - [| ı | | R4B3 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| ł | | R3J1 | 0RD3301F608 | 3.3K 1/6W 5 TA26 | | - | | R4B4 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| 1 | | R3J6 | 0RD2201F608 | 2.2K 1/6W 5 TA26 | - [| | | R4B6 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| - | | R3J7 | 0RD0101F608 | 1.0 1/6W 5 TA26 | | | | R4B7 | 0RD1504F608 | 1.5M 1/6W 5 TA26 |
| | | R3J8 | 0RD1002F608 | 10K 1/6W 5 TA26 | | | | R4K0 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R3J9 | 0RD1002F608 | 10K 1/6W 5 TA26 | - | | | R4K1 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R3K1 | 0RD4701F608 | 4.7K 1/6W 5 TA26 | | | | R4K2 | 0RD6800F608 | 680 1/6W 5 TA26 |
| | | R3X1 | 0RD1002F608 | 10K 1/6W 5 TA26 | | | | R4K3 | 0RD6800F608 | 680 1/6W 5 TA26 |
| | | R3X2 | 0RD5600F608 | 560 1/6W 5 TA26 | | | | R4K4 | 0RD3302F608 | 33K 1/6W 5 TA26 |
| | | R401 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | - [| | | R4K5 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R402 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | - | | | R4K6 | 0RD1004F608 | 1.0M 1/6W 5 TA26 |
| | | R403 | 0RD1801F608 | 1.8K 1/6W 5 TA26 | - 1 | | | R4K7 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| 1 | | R404 | 0RD1501F608 | 1.5K 1/6W 5 TA26 | - 1 | | | R4K8 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R405 | 0RD1501F608 | 1.5K 1/6W 5 TA26 | | | | R4K9 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R406 | 0RD1801F608 | 1.8K 1/6W 5 TA26 | - | | | R4L0 | 0RD4703F608 | 470K 1/6W 5 TA26 |
| | ļ | R408 | 0RD1802F608 | 18K 1/6W 5 TA26 | | | | R4L1 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R409 | 0RD8201F608 | 8.2K 1/6W 5 TA26 | | | | R4L2 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | ļ | R410 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | | R4L3 | 0RD3301F608 | 3.3K 1/6W 5 TA26 |
| | | R411 | 0RD1004F608 | 1.0M 1/6W 5 TA26 | | | | R4L4 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R412 | 0RD8201F608 | 8.2K 1/6W 5 TA26 | 1 | | | R4L5 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| 1 | | R413 | 0RD1202F608 | 12K 1/6W 5 TA26 | | | | R4L6 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R414 | 0RD3303F608 | 330K 1/6W 5 TA26 | | | | R4L7 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | 1 | R415 | 0RD1500F608 | 150 1/6W 5 TA26 | | | | R4L8 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| 1 | | R416 | 0RD1000F608 | L . | | | | 1 | l . | 1 |
| 1 | | R417 | 1 | 100 1/6W 5 TA26 56 1/6W 5 TA26 | | | | R4L9 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | 1 | 1 | 0RD0562F608 | | - 1 | | | R4M1 | 0RD8203F608 | 820K 1/6W 5 TA26 |
| | | R418 | 0RD1802F608 | 18K 1/6W 5 TA26 | | | | R4M2 | 0RD6803F608 | 680K 1/6W 5 TA26 |
| | 1 | R419 | 0RD2701F608 | 2.7K 1/6W 5 TA26 | - 1 | | | R4P2 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| 1 | | R420 | 0RD5601F608 | 5.6K 1/6W 5 TA26 | - 1 | | | R4P3 | 0RD0562F608 | 56 1/6W 5 TA26 |
| | | R421 | 0RD1003F608 | 100K 1/6W 5 TA26 | - 1 | | | R4P4 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | 1 | R422 | 0RD2702F608 | 27K 1/6W 5 TA26 | - [| | | R501 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | 1 | R423 | 0RD1002F608 | 10K 1/6W 5 TA26 | | | | R502 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | 1 | R424 | 0RD4702F608 | 47K 1/6W 5 TA26 | | | | R503 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R425 | 0RD4702F608 | 47K 1/6W 5 TA26 | | | | R504 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| 1 | | R426 | 0RD6801F608 | 6.8K 1/6W 5 TA26 | - 1 | | | R505 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| 1 | | R427 | 0RD0472F608 | 47 1/6W 5 TA26 | - 1 | | | R506 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| | | R428 | 0RD2702F608 | 27K 1/6W 5 TA26 | | | | R507 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| | | FI429 | 0RD0102F608 | 10 1/6W 5 TA26 | 1 | | | R508 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| ட | | L | 1 | 1 | - 1 | | 1 | 1 | 1 | 1 |

| RSDP DIPLIOUSPEED 1004 1984 5 Tabb 1985 1985 1091 1097 1985 17.62 1985 1985 1091 1097 17.62 1985 1985 1091 1097 17.62 1985 1985 1091 1097 1985 17.62 1985 1985 1091 1097 1985 17.62 1985 | s | AL | LOCA.NO | PART NO(GS) | SPECIFICATION | ΙГ | s | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|--|---|----|---------|----------------|-------------------|-----|-----|----|---|-------------|------------------|
| R511 ORD1003F808 100K 19W 5 TA28 R518 ORD1003F808 100K 19W 5 TA28 R518 ORD1003F808 100K 19W 5 TA28 R518 ORD1003F808 100K 19W 5 TA28 R518 ORD1003F808 R516 ORD1003F808 100K 19W 5 TA28 R518 ORD1003F808 R516 ORD1003F808 100K 19W 5 TA28 R518 ORD1003F808 R517 ORD1003F808 100K 19W 5 TA28 R518 ORD1003F808 R517 ORD1003F808 R510 ORD1003F808 ORD1003F808 R510 ORD1003F808 R510 ORD1003F808 R510 ORD1003F808 R510 ORD1003F808 R510 ORD1003F808 R510 ORD1003F808 R510 ORD1003F808 R510 ORD1003F808 R510 ORD1003F808 R510 ORD1003F808 R510 ORD1003F808 R510 ORD1003F808 R510 ORD1003F808 R510 ORD1003F808 R510 ORD1003F808 R510 ORD1003F808 R510 ORD1003F808 R510 ORD1003 | | | 1 5 | 0RD1003F608 | | | | | | 0RD1002F608 | 10K 1/6W 5 TA26 |
| R512 ORD1003F808 100K FBW 5 TA26 R586 R6104700F808 47K FBW 5 TA26 R586 R6105 R670103F808 100K FBW 5 TA26 R586 R6105 R670103F808 100K FBW 5 TA26 R586 R670103F808 100K FBW 5 TA26 R586 R6107005F808 100K FBW 5 TA26 R586 R6107005F808 100K FBW 5 TA26 R586 R6107005F808 100K FBW 5 TA26 R586 R6107005F808 100K FBW 5 TA26 R586 R6107005F808 100K FBW 5 TA26 R586 R6107005F808 100K FBW 5 TA26 R586 R6107005F808 100K FBW 5 TA26 R586 R6107005F808 130 FBW 5 TA26 R586 R6107005F808 130 FBW 5 TA26 R586 R6107005F808 47K FBW 5 TA26 R586 R6107005F808 47K FBW 5 TA26 R586 R6107005F808 47K FBW 5 TA26 R586 R6107005F808 47K FBW 5 TA26 R586 R6107005F808 47K FBW 5 TA26 R586 R6107005F808 47K FBW 5 TA26 R6107005F80 | 1 | ŀ | R510 | 0RD1003F608 | 100K 1/6W 5 TA26 | 11 | - | | R583 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| R513 ORD1003F608 100K 19W 5 TA28 B586 ORD1701F608 ATK 19W 5 TA28 B586 ORD1703F608 100K 19W 5 TA28 B586 ORD1703F608 100K 19W 5 TA28 B586 ORD1703F608 100K 19W 5 TA28 B586 ORD1703F608 100K 19W 5 TA28 B586 ORD1703F608 27K 19W 5 TA28 B586 ORD1703F608 100K 19W 5 TA28 B586 ORD1703F608 27K 19W 5 TA28 B586 ORD1703F608 100K 19W 5 TA28 B586 ORD1703F608 27K 19W 5 TA28 B586 ORD1703F608 130 18W 5 TA28 B586 ORD1703F608 130 18W 5 TA28 B586 ORD1703F608 130 18W 5 TA28 B586 ORD1703F608 130 18W 5 TA28 B586 ORD1703F608 130 18W 5 TA28 B586 ORD1703F608 130 18W 5 TA28 B586 ORD1703F608 130 18W 5 TA28 B586 ORD1703F608 14TK 18W 5 TA28 B586 ORD1703F608 14TK 18W 5 TA28 B586 ORD1703F608 14TK 18W 5 TA28 B586 ORD1703F608 14TK 18W 5 TA28 B586 ORD1703F608 14TK 18W 5 TA28 B686 | | | R511 | 0RD1003F608 | 100K 1/6W 5 TA26 | | | | R584 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| R514 GRD1003F608 100K 19W 5 TA28 R586 GRD1003F608 100K 19W 5 TA28 R586 GRD1003F608 100K 19W 5 TA28 R596 GRD1003F608 100K 19W 5 TA28 R596 GRD1003F608 100K 19W 5 TA28 R596 GRD1003F608 100K 19W 5 TA28 R596 GRD1003F608 100K 19W 5 TA28 R596 GRD1003F608 100K 19W 5 TA28 R596 GRD1003F608 100K 19W 5 TA28 R596 GRD1003F608 150K 19W 5 TA28 R596 GRD1003F608 150K 19W 5 TA28 R596 GRD1003F608 150K 19W 5 TA28 R596 GRD1003F608 150K 19W 5 TA28 R596 GRD1003F608 150K 19W 5 TA28 R596 GRD1003F608 150K 19W 5 TA28 R596 GRD1003F608 150K 19W 5 TA28 R596 GRD1003F608 17K 15W 5 TA28 R596 GRD10036F608 17K 15W 5 TA28 R596 GRD10036F608 17K 15W 5 TA28 R596 GRD10036F608 17K | | | R512 | 0RD1003F608 | 100K 1/6W 5 TA26 | | - 1 | | R585 | 0RD4700F608 | 470 1/6W 5 TA26 |
| R516 ORD10036968 100K NW 5 TA28 R518 R518 R6190 ORD1703698 27K NW 5 TA28 R518 R518 ORD1703698 100K NW 5 TA28 R518 R518 R518 ORD1703698 100K NW 5 TA28 R529 ORD1703698 120K NW 5 TA28 R529 ORD1703698 | | | R513 | 0RD1003F608 | 100K 1/6W 5 TA26 | | | | R586 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| R516 GPB1003F608 100K 19W 5 TA28 R526 GPB1003F608 100K 19W 5 TA28 R526 GPB1003F608 100K 19W 5 TA28 R526 GPB1003F608 100K 19W 5 TA28 R526 GPB1003F608 150 19W 5 TA28 R526 GPB1003F608 150 19W 5 TA28 R526 GPB1003F608 150 19W 5 TA28 R526 GPB1003F608 150 19W 5 TA28 R526 GPB1003F608 150 19W 5 TA28 R526 GPB1003F608 17K 19W 5 TA28 | | | R514 | 0RD1003F608 | 100K 1/6W 5 TA26 | | - 1 | | R587 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| R516 GRD1003F808 IOOK FW 5 TA26 R590 GRD270F608 Z7X FW 5 TA26 R590 GRD270F608 Z7X FW 5 TA26 R590 GRD270F608 Z7X FW 5 TA26 R590 GRD270F608 Z7X FW 5 TA26 R590 GRD270F608 Z7X FW 5 TA26 R590 GRD270F608 Z7X FW 5 TA26 R590 GRD270F608 Z7X FW 5 TA26 R590 GRD150F608 Z7X FW 5 TA26 R590 GRD270F608 Z7X FW 5 TA26 R590 GRD150F608 Z7X FW 5 TA26 R590 GRD150F608 Z7X FW 5 TA26 R590 GRD150F608 Z7X FW 5 TA26 R590 GRD150F608 Z7X FW 5 TA26 R590 GRD150F608 Z7X FW 5 TA26 R590 GRD1007F608 Z7X FW | | | R515 | 0RD1003F608 | 100K 1/6W 5 TA26 | 1 | | | R588 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| R517 | | | R516 | 0RD1003F608 | 100K 1/6W 5 TA26 | | | | R589 | 0RD2702F608 | |
| R520 | | | R517 | 0RD1003F608 | 100K 1/6W 5 TA26 | | | | R590 | 0RD2702F608 | l . |
| R521 ORD 1080/F608 180 18W 5 TA26 R5A3 ORD 1070/F608 ATK 18W 5 TA26 R5A4 ORD 1070/F608 ATK 18W 5 TA26 R5A4 ORD 1070/F608 ATK 18W 5 TA26 R5A5 ORD 1070/F608 ATK 18W 5 TA26 R5A6 ORD 1070/F608 ATK | | | R518 | 0RD1003F608 | 100K 1/6W 5 TA26 | 1 1 | | | R5A1 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| R522 ORD-102/F0608 ATK IPW 5 TA28 R5A6 ORD-1002/F0608 ATK IPW 5 TA28 R5A6 ORD-1002/F0608 ATK IPW 5 TA28 R6D0 ORD-1002/F0608 | | 1 | R520 | 0RD1800F608 | 180 1/6W 5 TA26 | | | | R5A2 | 0RD1503F608 | 150K 1/6W 5 TA26 |
| R522 ORD1019608 ATX ISPN 5 TA26 R546 ORD47019608 ATX ISPN 5 TA26 R566 ORD47019608 ATX ISPN 5 TA26 R566 ORD47019608 ATX ISPN 5 TA26 R560 ORD47019608 ATX ISPN 5 TA26 R560 ORD47019608 ATX ISPN 5 TA26 R560 ORD47019608 ATX ISPN 5 TA26 R560 ORD47019608 ATX ISPN 5 TA26 R560 ORD47019608 ATX ISPN 5 TA26 R560 ORD47019608 ATX ISPN 5 TA26 R560 ORD47019608 ATX ISPN 5 TA26 R560 ORD47019608 ATX ISPN 5 TA26 R560 ORD47019608 ATX ISPN 5 TA26 R560 ORD47019608 ATX ISPN 5 TA26 R560 ORD10019608 ORD47019608 ATX ISPN 5 TA26 R560 ORD10019608 ORD47019608 ATX ISPN 5 TA26 R560 ORD10019608 ORD47019608 ATX ISPN 5 TA26 R560 ORD10019608 ORD47019608 | | | R521 | 0RD1800F608 | 180 1/6W 5 TA26 | | | | R5A3 | 0RD1503F608 | 150K 1/6W 5 TA26 |
| R524 ORD-A701F608 A7K 19W 5 TA28 R601 ORD-3200F608 330 1/6W 5 TA28 GRD-A701F608 A7K 19W 5 TA28 R602 ORD-3900F808 330 1/6W 5 TA28 GRD-A701F608 A7K 19W 5 TA28 R603 ORD-3900F808 330 1/6W 5 TA28 GRD-A701F608 A7K 16W 5 TA28 R603 ORD-3700F608 A7K 16W 5 TA28 R604 ORD-3900F808 GRD-A701F608 A7K 16W 5 TA28 R605 ORD-3700F608 | | | R522 | 0RD1800F608 | 180 1/6W 5 TA26 | | | | R5A4 | 0RD4702F608 | 1 |
| R524 ORD-R701F608 A7X IRPW 5 TA26 R602 ORD-R701F608 A7X IRPW 5 TA26 R602 ORD-R701F608 A7X IRPW 5 TA26 R602 ORD-R701F608 A7X IRPW 5 TA26 R603 ORD-R701F608 A7X IRPW 5 TA26 R604 ORD-R800F609 A7X IRPW 5 TA26 R605 ORD-R701F608 A7X IRPW 5 TA26 R605 ORD-R800F609 A7X IRPW 5 TA26 R606 ORD-R800F609 A7X IRPW 5 TA26 R606 ORD-R800F609 A7X IRPW 5 TA26 R606 ORD-R800F609 A7X IRPW 5 TA26 R606 ORD-R800F609 A7X IRPW 5 TA26 R606 ORD-R800F609 A7X IRPW 5 TA26 R606 ORD-R800F609 A7X IRPW 5 TA26 R607 ORD-R800F609 A7X IRPW 5 TA26 R609 ORD-R800F609 A7X IRPW 5 TA26 R609 ORD-R800F609 A7X IRPW 5 TA26 R609 ORD-R800F609 A7X IRPW 5 TA26 R609 ORD-R800F609 A7X IRPW 5 TA26 R609 ORD-R800F609 A7X IRPW 5 TA26 R609 ORD-R800F609 A7X IRPW 5 TA26 R610 | 1 | 1 | R523 | 0RD4702F608 | 47K 1/6W 5 TA26 | | | | R5A6 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| R825 ORD-4701F608 ATX IRPW 5 TA25 R802 ORD-4701F608 ATX IRPW 5 TA25 R803 ORD-4701F608 ATX IRPW 5 TA25 R803 ORD-4701F608 ATX IRPW 5 TA25 R804 ORD-4701F608 ATX IRPW 5 TA25 R805 ORD-4701F608 ATX IRPW 5 TA25 R806 ORD-4701F608 ATX IRPW 5 TA25 ORD- | | | R524 | 0RD4701F608 | 4.7K 1/6W 5 TA26 | | | | | 0RD3300F608 | 1 . |
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| R527 OPD-4701F608 ATX ISW S TA26 R605 OPD-8700F608 R606 R607 | | ŀ | 1 1 | 0RD4701F608 | | 11 | 1 | | | | |
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| R562 ORD5601F608 S.6K 1/6W 5 TA26 R634 ORD6802F608 G8K 1/6W 5 TA26 R635 ORD2203F608 CRC 1/6W 5 TA26 R636 ORD2203F608 CRC 1/6W 5 TA26 R636 ORD2203F608 CRC 1/6W 5 TA26 R636 ORD2203F608 CRC 1/6W 5 TA26 R636 ORD2203F608 CRC 1/6W 5 TA26 R637 ORD0471F608 A.7 1/6W 5 TA26 R637 ORD0471F608 A.7 1/6W 5 TA26 R637 ORD0471F608 A.7 1/6W 5 TA26 R637 ORD0471F608 A.7 1/6W 5 TA26 R637 ORD0471F608 A.7 1/6W 5 TA26 R637 ORD04701F608 A.7 1/6W 5 TA26 R651 ORD1002F608 I.2K 1/6W 5 TA26 R651 ORD1002F608 I.0K 1/6W 5 TA26 R651 ORD1002F608 I.0K 1/6W 5 TA26 R701 ORD1201F608 I.2K 1/6W 5 TA26 R701 ORD1201F608 I.2K 1/6W 5 TA26 R702 ORD6801F608 G.8K 1/6W 5 TA26 R702 ORD6801F608 I.0 1/6W 5 TA26 R703 ORD1201F608 I.2K 1/6W 5 TA26 R704 ORD3900F608 I.2K 1/6W 5 TA26 R705 ORD0682F608 R573 ORD0101F608 I.0 1/6W 5 TA26 R706 ORD2200F608 I.0 1/6W 5 TA26 R707 ORD082F608 I.0 1/6W 5 TA26 R707 ORD082F608 I.0 1/6W 5 TA26 R707 ORD0300F608 I.0 1/6W 5 TA26 R707 ORD0300F608 I.0 1/6W 5 TA26 R708 ORD1201F608 I.2K 1/6W 5 TA26 R705 ORD0300F608 I.0K 1/6W 5 TA26 R706 ORD2201F608 I.2K 1/6W 5 TA26 R707 ORD0300F608 I.0K 1/6W 5 TA26 R715 ORD0201F608 I.2K 1/6W 5 TA26 R715 ORD0201F608 I.2K 1/6W 5 TA26 R716 ORD0300F608 I.0K 1/6W 5 TA26 R716 ORD0300F608 I.0K 1/6W 5 TA26 R717 ORD0201F608 I.0K 1/6W 5 TA26 R718 ORD0201F608 I.0K 1/6W 5 TA26 R718 ORD0201F608 I.0K 1/6W 5 TA26 R718 ORD0201F608 I.0K 1/6W 5 TA26 R718 ORD0201F608 I.0K 1/6W 5 TA26 R718 ORD0201F608 I.0K 1/6W 5 TA26 R718 ORD0201F608 I.0K 1/6W 5 TA26 R718 ORD0201F608 I.0K 1/6W 5 TA26 R720 ORD0100F608 I.0K 1/6W 5 TA26 R720 ORD0100F608 I.0K 1/6W 5 TA26 R720 ORD0100F608 I.0K 1/6W 5 TA26 R720 ORD0100F608 I.0K 1/6W 5 TA26 R720 ORD0100F608 I.0K 1/6W 5 TA26 R720 ORD0100F608 I.0K 1/6W 5 TA26 R720 ORD0100F608 I.0K 1/6W 5 TA26 R72 | 1 | | 1 | | | | | | | | |
| R563 | 1 | | 1 | | | | | | | | |
| R564 ORD1004F608 1.0M 1/6W 5 TA26 R636 ORD2203F608 220K 1/6W 5 TA26 R657 ORD0301F608 3.3K 1/6W 5 TA26 R651 ORD1002F608 1.2K 1/6W 5 TA26 R651 ORD1002F608 1.2K 1/6W 5 TA26 R651 ORD1002F608 1.2K 1/6W 5 TA26 R651 ORD1000F608 1.2K 1/6W 5 TA26 R651 ORD1000F608 1.2K 1/6W 5 TA26 R651 ORD1000F608 1.2K 1/6W 5 TA26 R651 ORD1000F608 1.2K 1/6W 5 TA26 R651 ORD1000F608 1.2K 1/6W 5 TA26 R701 ORD1000F608 1.00 1/6W 5 TA26 R702 ORD6801F608 6.8K 1/6W 5 TA26 R703 ORD1201F608 1.2K 1/6W 5 TA26 R703 ORD1201F608 1.2K 1/6W 5 TA26 R704 ORD3900F608 390 1/6W 5 TA26 R705 ORD682F608 68 1/6W 5 TA26 R706 ORD2200F608 R707 ORD3300F608 R707 ORD3300F608 R708 ORD1201F608 1.2K 1/6W 5 TA26 R708 ORD1201F608 1.2K 1/6W 5 TA26 R708 ORD1201F608 1.2K 1/6W 5 TA26 R708 ORD1201F608 1.2K 1/6W 5 TA26 R708 ORD1201F608 1.2K 1/6W 5 TA26 R708 ORD1201F608 1.2K 1/6W 5 TA26 R708 ORD1201F608 1.2K 1/6W 5 TA26 R708 ORD1201F608 1.2K 1/6W 5 TA26 R708 ORD1201F608 1.2K 1/6W 5 TA26 R708 ORD1201F608 1.2K 1/6W 5 TA26 R708 ORD1201F608 1.2K 1/6W 5 TA26 R708 ORD1201F608 1.2K 1/6W 5 TA26 R708 ORD1201F608 1.2K 1/6W 5 TA26 R708 ORD1201F608 1.2K 1/6W 5 TA26 R708 ORD1201F608 1.2K 1/6W 5 TA26 R708 ORD1201F608 1.2K 1/6W 5 TA26 R716 ORD3900F608 390 1/6W 5 TA26 R716 ORD3900F608 390 1/6W 5 TA26 R717 ORD2201F608 2.2K 1/6W 5 TA26 R718 ORD1001F608 1.0K 1/6W 5 TA26 R718 ORD1001F608 1.0K 1/6W 5 TA26 R720 ORD1001F608 1.0K 1/6W 5 TA26 R720 ORD1001F608 1.0K 1/6W 5 TA26 R720 ORD1001F608 1.0K 1/6W 5 TA26 R720 ORD1001F608 1.0K 1/6W 5 TA26 R720 ORD1001F608 1.0K 1/6W 5 TA26 R720 ORD1001F608 1.0K 1/6W 5 TA26 R720 ORD1001F608 1.0K 1/6W 5 TA26 R720 ORD1001F608 1.0K 1/6W 5 TA26 R720 ORD1001F608 1.0K 1/6W 5 TA26 R720 ORD1001F608 1.0K 1/6W 5 TA26 R720 ORD1001F608 1.0K 1/6W 5 TA26 R720 ORD1001F608 1.0K 1 | 1 | | 1 | | | | | | 1 1 | | |
| R565 | | | 1 3 | | | | | | · • • • • • • • • • • • • • • • • • • • | | |
| R566 | 1 | 1 | 1 | | | | | | | | |
| R567 | 1 | | 1 | | · | | | | 1 | | |
| R568 ORD4701F608 4.7K 1/6W 5 TA26 R701 ORD1000F608 100 1/6W 5 TA26 R702 ORD6801F608 6.8K 1/6W 5 TA26 R702 ORD6801F608 1.2K 1/6W 5 TA26 R703 ORD1201F608 1.2K 1/6W 5 TA26 R704 ORD3900F608 390 1/6W 5 TA26 R705 ORD0682F608 R705 ORD0682F608 R705 ORD0682F608 R705 ORD0682F608 R706 ORD2200F608 R706 ORD2200F608 R707 ORD3300F608 R707 ORD3300F608 R707 ORD3300F608 R707 ORD3300F608 R708 ORD1201F608 | | | 1 | | | | | | | | |
| R569 | 1 | | 1 | | | | | | · i | | |
| R570 | 1 | | 1 | | | | | | | | |
| R571 | 1 | | 1 : | | | | | | | | |
| R572 | 1 | | 1 1 | | | | - | | | | |
| R573 | | | , , | | | | ĺ | | | i | |
| R574 | 1 | | | | | | | | | | |
| R575 | 1 | | | | | | | | | | |
| R576 | | 1 | | | | | | | | | |
| R577 | 1 | | | | | | | | | | |
| R578 | | | | | | | | | | | |
| R579 | | | 1 1 | | | | | | | | |
| R580 ORD1002F608 10K 1/6W 5 TA26 R720 ORD1001F608 1.0K 1/6W 5 TA26 | | | 1 1 | | | | | | | | |
| DEST OPPICATEON LOW LOW 5 TAGE | | | | | | | Į | | | | |
| H/21 OHD1002F608 10K 1/6W 5 TA26 | 1 | | | | | | | | | | |
| | | | 11001 | 5.15 15021 000 | TOTA JUSTE S TAZU | | | | H/21 | UHD1002F608 | 10K 1/6W 5 1A26 |

| _ | | | | | Г | | | | | HUN DATE . 94.02.14 |
|---|----|--------------|----------------------------|-------------------------------------|-----|---|----|--------------|----------------------------|--------------------------------------|
| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION | L | s | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
| Г | | R722 | 0RD1802F608 | 18K 1/6W 5 TA26 | | | | R8A0 | 0RD3901F608 | 3.9K 1/6W 5 TA26 |
| l | | R724 | 0RD3300F608 | 330 1/6W 5 TA26 | | | | R8A1 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R725 | 0RD5600F608 | 560 1/6W 5 TA26 | - | | | R8A2 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| İ | | R726 | 0RD1002F608 | 10K 1/6W 5 TA26 | - 1 | | | R8A3 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R727 | 0RD5601F608 | 5.6K 1/6W 5 TA26 | | | | R8A4 | 0RD0752F608 | 75 1/6W 5 TA26 |
| | | R728 | 0RD1201F608 | 1.2K 1/6W 5 TA26 | | | | R8A5 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R729 | 0RD6800F608 | 680 1/6W 5 TA26 | - 1 | | | R8A6 | 0RD2203F608 | 220K 1/6W 5 TA26 |
| ı | | R801 | 0RD5601F608 | 5.6K 1/6W 5 TA26 | | | | R8A7 | 0RD3900F608 | 390 1/6W 5 TA26 |
| | | R802 | 0RD1002F608 | 10K 1/6W 5 TA26 | | | | R8A8 | 0RD4703F608 | 470K 1/6W 5 TA26 |
| ١ | | R803 | 0RD1002F608 | 10K 1/6W 5 TA26 | - | | | R8A9 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R804 | 0RD4701F608 | 4.7K 1/6W 5 TA26 | | | | R8B0 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R805 | 0RD4702F608 | 47K 1/6W 5 TA26 | - | | | R8B1 | 0RD3301F608 | 3.3K 1/6W 5 TA26 |
| | | R806 | 0RD2202F608 | 22K 1/6W 5 TA26 | | | | R8B2 | 0RD1801F608 | 1.8K 1/6W 5 TA26 |
| 1 | | R807 | 0RD1201F608 | 1.2K 1/6W 5 TA26 | 1 | | | R8B3 | 0RD0752F608 | 75 1/6W 5 TA26 |
| | 1 | R808 | 0RD1201F608 | 1.2K 1/6W 5 TA26 | | | | R8B4 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R809 | 0RD1201F608 | 1.2K 1/6W 5 TA26 | - 1 | | | R8B5 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R810 | 0RD3900F608 | 390 1/6W 5 TA26 | | | | R8B6 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R811 | 0RD0682F608 | 68 1/6W 5 TA26 | | | | R8B7 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| | | R812 | 0RD0752F608 | 75 1/6W 5 TA26 | | | | R8B8 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R813 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | | R8B9 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| 1 | | R814 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | | R8C1 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R815 | 0RD0752F608 | 75 1/6W 5 TA26 | | | | R8C5 | 0RD0822F608 | 82 1/6W 5 TA26 |
| | | R816 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | | R8C6 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | 1 | R817 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | | R901 | 0RD0752F608 | 75 1/6W 5 TA26 |
| | | R818 | 0RD1003F608 | 100K 1/6W 5 TA26 | | | | R902 | 0RD0562F608 | 56 1/6W 5 TA26 |
| ĺ | | R819 | 0RD6802F608 | 68K 1/6W 5 TA26 | | | | R903 | 0RD0752F608 | 75 1/6W 5 TA26 |
| | | R820 | 0RD3301F608 | 3.3K 1/6W 5 TA26 | | | | R904 | 0RD0752F608 | 75 1/6W 5 TA26 |
| 1 | | R821 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | | R905 | 0RD1502F608 | 15K 1/6W 5 TA26 |
| 1 | | R822 | 0RD1003F608 | 100K 1/6W 5 TA26 | | | | R906 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R823 | 0RD6802F608 | 68K 1/6W 5 TA26 | | | | R907 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R824 | 0RD3301F608 | 3.3K 1/6W 5 TA26 | | | ļ | R908 | 0RD4703F608 | 470K 1/6W 5 TA26 |
| | | R825 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | | R909 | 0RD3903F608 | 390K 1/6W 5 TA26 |
| | | R826 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | | R910 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R827 | 0RD3301F608 | 3.3K 1/6W 5 TA26 | | | | R911 R912 | ORD2201F608 ORD2201F608 | 2.2K 1/6W 5 TA26 2.2K 1/6W 5 TA26 |
| | | R828 | 0RD1003F608 0RD6802F608 | 100K 1/6W 5 TA26 68K 1/6W 5 TA26 | | | | R913 | 0RD3900F608 | 390 1/6W 5 TA26 |
| 1 | | R829 R830 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | | R914 | 0RD3900F608 | 390 1/6W 5 TA26 |
| | | R831 | 0RD3301F608 | 3.3K 1/6W 5 TA26 | | | | R915 | 0RD1201F608 | 1.2K 1/6W 5 TA26 |
| | | R832 | 0RD1003F608 | 100K 1/6W 5 TA26 | | | | R916 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R833 | 0RD6802F608 | 68K 1/6W 5 TA26 | | | | R917 | 0RD1201F608 | 1.2K 1/6W 5 TA26 |
| | | R834 | 0RD0682F608 | 68 1/6W 5 TA26 | | | | R918 | | 1.0K 1/6W 5 TA26 |
| | | R838 | 0RD3302F608 | 33K 1/6W 5 TA26 | | | | R919 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R839 | 0RD1002F608 | 10K 1/6W 5 TA26 | 1 | | | R920 | 0RD1800F608 | 180 1/6W 5 TA26 |
| | 1 | R840 | 0RD4701F608 | 4.7K 1/6W 5 TA26 | | | | R922 | 0RD1201F608 | 1.2K 1/6W 5 TA26 |
| 1 | | R841 | 0RD4701F608 | 4.7K 1/6W 5 TA26 | | | | W287 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| 1 | ŀ | R842 | 0RD3900F608 | 390 1/6W 5 TA26 | | | | W652 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R843 | 0RD2201F608 | 2.2K 1/6W 5 TA26 | | | L | 1 | | |
| 1 | | R844 | 0RD1002F608 | 10K 1/6W 5 TA26 | | | | | REMOCO | N RECEIVER |
| | | R845 | 0RD6803F608 | 680K 1/6W 5 TA26 | | | Ţ | 1 | T | |
| | | R846 | 0RD3300F608 | 330 1/6W 5 TA26 | | | | R/C601 | 668-226B | R/C RECEIVER(KTC.H=11.5) 33G |
| 1 | | R847 | 0RD6802F608 | 68K 1/6W 5 TA26 | П | | | | 0.0 | ADT |
| | | R848 | 0RD3901F608 | 3.9K 1/6W 5 TA26 | | | | | 50 | CART |
| İ | | R849 | 0RD4701F608 | 4.7K 1/6W 5 TA26 | | | | JK801 | 573-006C | RGB SOKET SR-21S3 21PIN (BK) |
| | | R850 | 0RD4700F608 | 470 1/6W 5 TA26 | | | | JK802 | 573-006C 573-006D | RGB (BLUE) |
| | | R851 | 0RD1001F608 | 1.0K 1/6W 5 TA26 | | | L | 01/002 | 373-000D | ווסט (טנטנ) |
| 1 | | R852 | 0RD3300F608 | 330 1/6W 5 TA26 | | | | | NS | /ITCH |
| 1 | | R853 | 0RD3300F608 | 330 1/6W 5 TA26 | | | , | T | , | |
| 1 | | F1854 | 0RD3900F608 | 390 1/6W 5 TA26 | | | 1 | SW601 | 556-219A | SKHV10910A (GS ALPS) |
| | | F1855 | 0RD1203F608 | 120K 1/6W 5 TA26 | | | | SW602 | 556-219A | SKHV10910A (GS ALPS) |
| 1 | | R871 | 0RD0221F608 | 2.2 1/6W 5 TA26 | | | | SW603 | 556-219A | SKHV10910A (GS ALPS) |
| | | F1872 | 0RD0221F608 | 2.2 1/6W 5 TA26 | | | | SW604 | 556-219A | SKHV10910A (GS ALPS) |
| | 1 | F1873 | 0RD1003F608 | 100K 1/6W 5 TA26 | | | | SW605 | 556-219A | SKHV10910A (GS ALPS) |
| _ | | | <u> </u> | L | ΙL | | 1 | 1 | 1 | <u> </u> |

RUN DATE : 94.02.14

| _ | | | | |
|---------|----------|----------|----------------------|--------------------------------|
| s | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
| | | SW606 | 556-219A | SKHV10910A (GS ALPS) |
| | | SW607 | 556-219A | SKHV10910A (GS ALPS) |
| | | SW608 | 556-219A | SKHV10910A (GS ALPS) |
| | | SW621 | 556-219A | SKHV10910A (GS ALPS) |
| | 1 | SW622 | 556-219A | SKHV10910A (GS ALPS) |
| | | SW623 | 556-219A | SKHV10910A (GS ALPS) |
| | | SW624 | 556-219A | SKHV10910A (GS ALPS) |
| | | SW625 | 556-219A | SKHV10910A (GS ALPS) |
| | | SW626 | 556-219A | SKHV10910A (GS ALPS) |
| | | SW627 | 556-219A | SKHV10910A (GS ALPS) |
| l | | SW628 | 556-219A | SKHV10910A (GS ALPS) |
| | | SW629 | 556-219A | SKHV10910A (GS ALPS) |
| | ŀ | SW630 | 556-219A | SKHV10910A (GS ALPS) |
| | | <u> </u> | TU | INER |
| * | | TU701 | 521-402A | ENV-57862G3 FS/PLL HYPER MATS |
| <u></u> | L | <u> </u> | VADIADI | E RESISTOR |
| | Τ | I | | T |
| | | VR201 | 613-032U | RH0638C15R0WA (100K) |
| | | VR301 | 613-032N | RH0638C14R14A (10K) |
| 1 | | VR302 | 613-032G | RH0638C13R0VA (1K) |
| | | VR303 | 613-032N | RH0638C14R14A (10K) |
| | | VR304 | 613-032L | RH0638CS3R0WA (4.7K) |
| | | VR305 | 613-032Q | RH0638CJ4R0WA (22K) |
| | 1 | VR3A1 | 613-032U | RH0638C15R0WA (100K) |
| | | VR401 | 613-032W | RH0638CJ5R (220K) |
| | 1 | VR4A1 | 613-032N | RH0638C14R14A (10K) |
| İ | | VR4A2 | 613-032N | RH0638C14R14A (10K) |
| ļ | | VR501 | 613-032N | RH0638C14R14A (10K) |
| | | VR701 | 613-032Q | RH0638CJ4R0WA (22K) |
| | <u> </u> | | CRY | /STAL |
| - | T | X202 | 529-001D | 32.768KHZ(2X6) SEIKO |
| | | X301 | 529-001D 529-020P | 4.433619MHZ 15PPM GRAY L=4.0 |
| | OR | X301 | 529-027P | |
| | JOH | X3A1 | 529-027F 529-022F | 4.433619MHZ 15PPM KSS |
| i | 1 | | | 4.433619M 30PPM CL=16P DL=1M |
| | | X4K1 | 529-022E | 11.71875 30PPM CL=10P DL=1M |
| l | | X501 | 529-020R | 12.000000MHZ 30PPM NO-TU L=4.0 |
| | | X801 | 529-019A | CSB500F-9 MURATA |
| _ | _ | X8A1 | 529-022H | 17.734476MHZ CL=16P 20PPM 4.0 |
| | | | RESC | NATOR |
| | | X201 | 618-017A | FCR6.0MCT2 TDK-J(TAPING) |
| | | | ZENE | R DIODE |
| | | ZD101 | 0DZ330009AF | MTZ33B,TP,ROHM-K |
| | 1 | ZD102 | 0DZ270009CA | MTZ27C TP ROHM-KOREA |
| | | ZD103 | 0DZ560009CA | MTZ5.6B TP ROHM-K |
| | | ZD201 | 0DZ820009AA | MTZ8.2B TP ROHM-K |
| | | ZD301 | 0DZ100009AA | MTZ10B MINITP ROHM-K |
| | 1 | ZD401 | 0DZ100009AA | MTZ10B MINITP ROHM-K |
| | | ZD501 | 0DZ620009AA | MTZ6.2B (TA) |
| | | ZD601 | 0DZ560009CA | MTZ5.6B TP ROHM-K |
| | | ZD602 | 0DZ560009CA | MTZ5.6B TP ROHM-K |
| | | ZD603 | 0DZ560009CA | MTZ5.6B TP ROHM-K |
| | | ZD605 | 0DZ560009CA | MTZ5.6B TP ROHM-K |
| İ | | ZD606 | 0DZ560009CA | MTZ5.6B TP ROHM-K |
| | | ZD607 | 0DZ560009CA | MTZ5.6B TP ROHM-K |
| | 1 | ZD608 | 0DZ560009CA | MTZ5.6B TP ROHM-K |
| Ц | 1 | | 352000030A | MIZSOU IF HOUNNIN |

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|----|---------|-------------|------------------|
| | | ZD801 | 0DZ130009AC | MTZ13B TP ROHM-K |
| | | ZD802 | 0DZ130009AC | MTZ13B TP ROHM-K |
| | ŀ | ZD803 | 0DZ130009AC | MTZ13B TP ROHM-K |
| | | ZD804 | 0DZ130009AC | MTZ13B TP ROHM-K |
| | | 22001 | 05210000710 | 110511111 |